

SPS & Sigma Pi Sigma

# **INFORMATION HANDBOOK**





HURSDAY

STA

SLOANE PHYSICS LA ROOM 57

# OVERVIEW OF THE AMERICAN INSTITUTE OF PHYSICS

# **American Institute of Physics**

The American Institute of Physics is a federation of scientific societies in the physical sciences, representing scientists, engineers, educators, and students. AIP offers authoritative information, services, and expertise in physics education and student programs, science communication, government relations, career services, statistical research in physics employment and education, industrial outreach, and history of the physical sciences. AIP publishes *Physics Today*, the most closely followed magazine of the physical sciences community, and is also home to the Society of Physics Students and the Niels Bohr Library and Archives. AIP owns AIP Publishing LLC, a scholarly publisher in the physical and related sciences.

# Other AIP Member Organizations:



Sigma Pi Sigma, the physics and astronomy honor society sigmapisigma.org



Society of Physics Students spsnational.org

# **AIP Member Societies:**

American Association of Physicists in Medicine American Association of Physics Teachers American Astronomical Society ACA The Structural Science Society American Meteorological Society American Physical Society Acoustical Society of America AVS: Science & Technology of Materials, Interfaces, and Processing OPTICA (Formerly The Optical Society) The Society of Rheology

# Contact SPS?

- General questions: 301.209.3007 or sps@aip.org
- Awards, Scholarships, Outreach, Internships: sps-programs@aip.org
- Dues, Membership, and Meetings: sps-membership@aip.org
- Sigma Pi Sigma : sigmapisigma@aip.org

Our phones are staffed from 8:00 am - 4:30 pm Eastern time

The Society of Physics Students & Sigma Pi Sigma

1 Physics Ellipse • College Park, MD 20740 • Tel: +1 301.209.3007 sps@aip.org | spsnational.org | sigmapisigma.org



# **TABLE OF CONTENTS**

Overvie	Overview of the American Institute of Physics				
Foreword: The Society of Physics Students and Sigma Pi Sigma4					
(	Overview of the Society of Physics Students				
0	SPS: Purpose and Mission				
(	Dverview of Sigma Pi Sigma (ΣΠΣ)				
ç	Sigma Pi Sigma: Mission				
Part I. (	Connect to SPS				
(	Governance of SPS & Sigma Pi Sigma6				
9	SPS Executive Committee 2022 –236				
9	SPS Council 2022 –23				
9	SPS Statements				
5	SPS Team				
ŀ	Annual Calendar				
:	SPS: Application Deadlines for Awards and Programs12				
:	SPS: Programs and Resources				
	Sigma Pi Sigma: Programs and Awards				
F	Publications				
	SPS Membership				
ŀ	18 How to Join SPS				
ç	SPS Member Benefits				
	SPS Member Benefits    18      Chapter Health – Development and Support    19				
Part II.					
Part II.	Chapter Health – Development and Support19				
Part II.	Chapter Health – Development and Support       19         Advisor Resources       20				
Part II.	Chapter Health – Development and Support       19         Advisor Resources       20         Annual Chapter Report       20				
Part II.	Chapter Health – Development and Support       19         Advisor Resources       20         Annual Chapter Report       20         Connecting with Other Chapters       20				
Part II. /	Chapter Health – Development and Support       19         Advisor Resources       20         Annual Chapter Report       20         Connecting with Other Chapters       20         Zone Meetings       20				
Part II. / / ( 2 3	Chapter Health – Development and Support19Advisor Resources20Annual Chapter Report20Connecting with Other Chapters20Zone Meetings20Starting an SPS Chapter20				
Part II. /	Chapter Health – Development and Support19Advisor Resources20Annual Chapter Report20Connecting with Other Chapters20Zone Meetings20Starting an SPS Chapter20Maintaining a Healthy Chapter21				
Part II. /	Chapter Health – Development and Support19Advisor Resources20Annual Chapter Report.20Connecting with Other Chapters.20Cone Meetings20Starting an SPS Chapter.20Maintaining a Healthy Chapter21Other Ideas for Your Chapter22				
Part II. / / / / / / / / / / / / / / / / / / /	Chapter Health – Development and Support19Advisor Resources20Annual Chapter Report20Connecting with Other Chapters20Zone Meetings20Starting an SPS Chapter20Maintaining a Healthy Chapter21Other Ideas for Your Chapter22Conducting SPS Chapter Meetings and Building your Chapter23				
Part II. /	Chapter Health – Development and Support19Advisor Resources20Annual Chapter Report.20Connecting with Other Chapters.20Zone Meetings20Zone Meetings20Starting an SPS Chapter.20Maintaining a Healthy Chapter21Other Ideas for Your Chapter22Conducting SPS Chapter Meetings and Building your Chapter23Example Chapter Activities24				
Part II. /	Chapter Health – Development and Support19Advisor Resources20Annual Chapter Report.20Connecting with Other Chapters20Cone Meetings20Zone Meetings20Starting an SPS Chapter.20Maintaining a Healthy Chapter21Other Ideas for Your Chapter22Conducting SPS Chapter Meetings and Building your Chapter23Example Chapter Activities24Sample SPS Chapter Bylaws26				
Part II. / / / / ( 2 3 3 1 4 1 5 1 5 1 6 1 6 1 6 1 6 1 6 1 7	Chapter Health – Development and Support19Advisor Resources20Annual Chapter Report.20Connecting with Other Chapters.20Cone Meetings20Zone Meetings20Starting an SPS Chapter.20Maintaining a Healthy Chapter21Other Ideas for Your Chapter22Conducting SPS Chapter Meetings and Building your Chapter23Example Chapter Activities24Sample SPS Chapter Bylaws26Seven Roles of the SPS in the Physics Community27				
Part II. /	Chapter Health – Development and Support19Advisor Resources20Annual Chapter Report20Connecting with Other Chapters20Cone Meetings20Zone Meetings20Starting an SPS Chapter20Maintaining a Healthy Chapter21Other Ideas for Your Chapter22Conducting SPS Chapter Meetings and Building your Chapter23Example Chapter Activities24Sample SPS Chapter Bylaws26Seven Roles of the SPS in the Physics Community27Sigma Pi Sigma (ΣΠΣ)29				
Part II. / / / / / / / / / / / / / / / / / /	Chapter Health – Development and Support19Advisor Resources20Annual Chapter Report20Connecting with Other Chapters20Zone Meetings20Zone Meetings20Starting an SPS Chapter20Maintaining a Healthy Chapter21Other Ideas for Your Chapter22Conducting SPS Chapter Meetings and Building your Chapter23Example Chapter Activities24Sample SPS Chapter Bylaws26Seven Roles of the SPS in the Physics Community27Sigma Pi Sigma (ΣΠΣ)29Membership and Benefits29				

# **FOREWORD:** THE SOCIETY OF PHYSICS STUDENTS AND SIGMA PI SIGMA



# Overview of the Society of Physics Students (SPS)

The Society of Physics Students (SPS) is a professional association explicitly designed for undergraduate students and their advisers. Membership, through collegiate chapters, is open to anyone interested in physics and astronomy. Besides physics and astronomy majors, our members include majors in chemistry, computer science, engineering, geology, mathematics, medicine, and many other fields. Everyone has a home within SPS.

At its core, SPS is a grassroots non-profit, structured as a chapterbased membership organization. With over 860 chapters located at colleges and universities across the United States and the world, SPS strives to be inclusive and supportive of the entire community.

Within SPS is housed Sigma Pi Sigma, the national physics and astronomy honor society, which elects members on the basis of outstanding academic achievement and community service. These unique, linked-but-distinct societies operate within and are underwritten by the American Institute of Physics (AIP), a federation of professional science societies.

# SPS: Purpose and Mission

SPS is a chapter-based society that exists to support departments and help students transform themselves into contributing members of the professional community. Traditional coursework develops one range of skills. Other professional skills students need include: effective communication and interpersonal networking, leadership, professional networking, effective presentation of scholarly work in professional meetings and journals, research, and science engagement with local communities through outreach. Through its members, advisors, chapters, and leadership, SPS fosters national initiatives and local impacts within the community.

Participating in SPS offers students the opportunity to enrich their college experience and advance science. An active SPS chapter serves as a vehicle for strengthening a department's sense of community, promoting cohesion, and providing professional development opportunities that courses alone cannot provide. A dynamic SPS chapter can also be an effective recruitment and retention tool for departments and programs. Involving students in an SPS chapter can be influential in transforming them from course-takers into contributing



members of a professional community. SPS connects students to a global professional community of individuals interested in the physical sciences.

The Society of Physics Students was formed in 1968 with a constitution that combined its two parent organizations, the AIP Student Sections and Sigma Pi Sigma, the physics honor society. SPS now has over 860

# Sigma Pi Sigma

The physics and astronomy honor society

# Overview of Sigma Pi Sigma (ΣΠΣ)

Founded in 1921 at Davidson College in North Carolina, Sigma Pi Sigma is the physics honor society housed within SPS. Induction into Sigma Pi Sigma is earned by outstanding academic achievement in physics and lasts for a lifetime. Sigma Pi Sigma alumni represent a wide diversity of career paths, but all members share in common a record of accomplishments in physics and astronomy. Sigma Pi Sigma has been a member of the Association of College Honor Societies since 1945.

# Sigma Pi Sigma: Mission

Sigma Pi Sigma exists to honor outstanding scholarships in physics; to encourage interest in physics among all students; to promote an attitude of service among its members toward their fellow students, colleagues, and the public; and to provide a fellowship of persons who have excelled in physics.

The Sigma Pi Sigma Mission Statement was adopted by the SPS Council on September 30, 1995 and answers the question, "Since membership in Sigma Pi Sigma is for a lifetime, what does membership in Sigma Pi Sigma mean long after the induction ceremony is over?" Sigma Pi Sigma supports departments and students alike through the ideals of service, encouragement, and fellowship.

chapters on campuses across the country. The associated honor society, Sigma Pi Sigma ( $\Sigma\Pi\Sigma$ ), has over 580 chapters of its own, with over 100,000 inductees throughout its history.

Interested in starting a new chapter? Learn more at spsnational.org/ about/governance/chapters/starting-new-chapter

# **TO I FARN MORF**

Explore the SPS website: spsnational.org

Explore the  $\Sigma \Pi \Sigma$  website: sigmapisigma.org

Interested in starting a new chapter? spsnational.org/about/governance/chapters/ starting-new-chapter

General questions: sps@aip.org

Find us @SPSNational:





# **PART I:** CONNECT TO SPS

# 2022–23 EXECUTIVE COMMITTEE

SPS President Kiril Streketzky Cleveland State University k.streletzky@csuohio.edu

Sigma Pi Sigma President Blane Baker William Jewel College bakerb@william.jewell.edu

AZC Student Representative Victoria "Cat" Catlett Green Bank Observatory victoria.w.catlett@gmail.com

# AIP Representative Liz Dart Caron American Institute of Physics Icaron@aip.org

Director of SPS & ΣΠΣ Brad R. Conrad American Institute of Physics bconrad@aip.org

AIP At-Large Member Hannah Jang-Condell NASA hannah@alum.mit.edu

Historian Earl Blodgett University of Wisconsin – River Falls earl.d.blodgett@uwrf.edu

# Governance of SPS & Sigma Pi Sigma

SPS and Sigma Pi Sigma are chapter-based organizations, with the chapters organized into 18 geographic zones that span the globe. While chapters are chartered at the local level, each is part of SPS and Sigma pi Sigma National and has elected officials. Leadership of these organizations is a partnership between students and faculty. SPS and Sigma Pi Sigma are governed by the SPS constitution and bylaws which can be found online at <u>spsnational.org/about/governance/constitution</u>.

# The SPS Executive Committee 2022–23

The Executive Committee has the administrative, supervisory, and fiscal responsibility for the operations of the Society of Physics Students and approves all policies of the Society of Physics Students before they are implemented. The Executive Committee is led by the SPS President and the Sigma Pi Sigma President (both elected for two-year terms, limited to two consecutive terms), with an elected Associate Zone Councilor (AZC) representative, the AIP Chief of Staff, an at-large member appointed by the AIP CEO, the SPS & Sigma Pi Sigma Director, and the SPS & Sigma Pi Sigma Historian. This committee oversees the work of the SPS Council, provides guidance and advice to SPS staff, and acts to ensure the health and progress of the organization.





# The SPS Council 2022–23

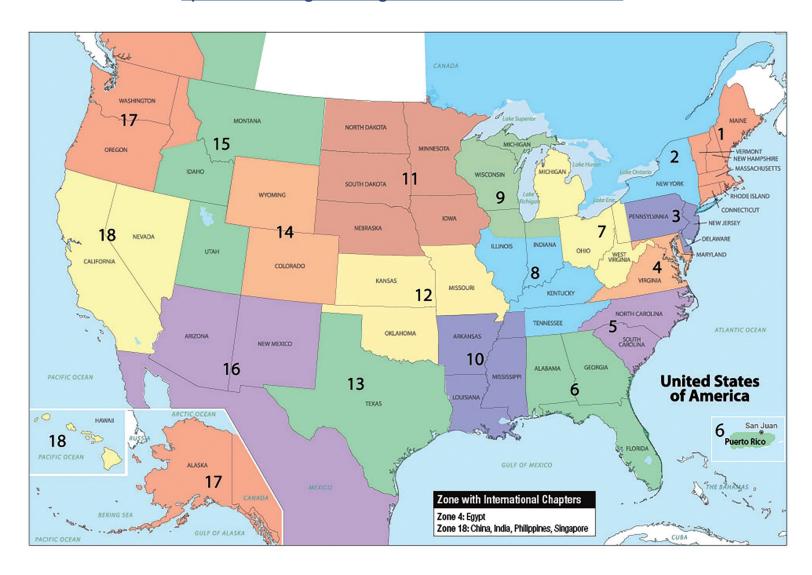
The SPS Council is the governing body for SPS and Sigma Pi Sigma. The council is comprised of an elected faculty zone councilor (ZC) and an elected student associate zone councilor (AZC) from each of the 18 zones, an elected SPS president, and an elected Sigma Pi Sigma president. The council composition was carefully designed with students in mind, as SPS is a community of students and faculty mentors.

Elections occur during spring each year. AZCs are elected annually from each zone. ZCs are on a three-year election cycle. Elective officers may not serve more than two consecutive full terms on the Council in the same office. Each councilor speaks for all of the SPS and  $\Sigma\Pi\Sigma$  chapters and members within their zone on matters of national importance. For more information about the National Council or about the election process, visit <u>spsnational.org/about/governance/national-council/nominations/elections</u>.

Additionally, the SPS Council is charged with evaluating, planning, and driving forward the initiatives of SPS and Sigma Pi Sigma. A bulk of the work done by the National Council is accomplished through committees, which are composed of ZCs, AZCs, SPS Office staff, and invited members. The entire council meets several times each academic year to address society needs, initiatives, and endeavors.

One of the most important tasks for ZCs and AZCs is to encourage communication and facilitate collaboration among the chapters within their zone and the SPS Office. To contact your ZCs and AZCs, visit <u>spsnational.org/about/governance/national-council</u>. They are an important resource for each chapter.

# To contact your ZCs and AZCs, visit spsnational.org/about/governance/national-council



# The 2022–23 SPS and Sigma Pi Sigma National Council

1	AZC	Taylor Knapp	Brown University	taylor_knapp@brown.edu
2	AZC	Andrew McGee	Ithaca College	amcgee1@ithaca.edu
3	AZC	Sylphrena Kleinsasser	Lycoming College	ksylphrena@gmail.com
4	AZC	Shauna Shepard	Randolph College	sshepard@randolphcollege.edu
5	AZC	Aidan Keaveney	Appalachian State University keaveneyaw@appstate.edu	
6	AZC	Matt Klink	University of Alabama	mwklink@crimson.ua.edu
7	AZC	Rebecca Abbott-McCune	Kettering University A	abbo3058@kettering.edu
8	AZC	Jesse Farr	University of Tennessee at Knoxville jfarr7@vols.utk.edu	
9	AZC	William Murillo	Augustana College Williammurillo20@augustana.edu	
10	AZC	Jess Hamer	Rhodes College hamjg-23@rhodes.edu	
11	AZC	Serenity Engel	South Dakota School of Mines and serenity.engel@mines.sdsmt.edu	
12	AZC	Ashley Stokes	Missouri Southern State University stokesa004@mymail.mssu.edu	
13	AZC	Zorayda Martinez	rayda Martinez Texas A&M University - Commerce zmartine	
14	AZC	Alya Sharbaugh	University of Colorado Denver	alya.sharbaugh@ucdenver.edu
15	AZC	Kylie "Curly" Ellsworth	University of Utah aquadongi02@gmail.com	
16	AZC	Janessa Slone	Embry-Riddle Aeronautical University - slonej1@my.erau.edu	
17	AZC	Lauren Dressler	Lewis & Clark College	laurendressler@lclark.edu
18	AZC	Soumay Garg	Ohlone Physics	sgarg4@student.ohlone.edu
1	ZC	Nicole Gugliucci	Saint Anselm College	ngugliucci@anselm.edu
2	ZC	Matt Wright	Adelphi University	mwright@adelphi.edu
3	ZC	Roberto Ramos	Saint Joseph's University	rramos@sju.edu
4	ZC	Brendan Diamond	Howard Community College bdiamond@howardcc.edu	
5	ZC	Anthony Kuchera	Davidson College ankuchera@davidson.edu	
6	ZC	Sesha Srinivasan	Florida Polytechnic Institute	ssrinivasan@floridapoly.edu
7	ZC	Ronald Kumon	Kettering University A & B	rkumon@kettering.edu
8	ZC	Jacob Albert Hale	DePauw University	jacobhale@depauw.edu
9	ZC	Heather Whitney	University of Chicago	hwhitney@uchicago.edu
10	ZC	Shannon Clardy	Henderson State University	clardys@hsu.edu
11	ZC	Tim Kidd	University of Northern Iowa	tim.kidd@uni.edu
12	ZC	Jency Sundararajan	University of Virginia zey9gt@virginia.edu	
13	ZC	Larry Isenhower	Abilene Christian University	ldi00a@acu.edu
14	ZC	Michael "Bodhi" Rogers	University of Colorado Denver	michael.b.rogers@ucdenver.edu
15	ZC	Tamara Young	University of Utah	tamara@physics.utah.edu
16	ZC	Dwight Luhman	Sandia National Laboratory	drluhma@sandia.gov
17	ZC	Deanna Marshall	Central Washington University	deanna.marshall@cwu.edu
18	ZC	Chad Kishimoto	University of San Diego	ckishimoto@sandiego.edu

# **SPS Statements**

SPS Statements are public policy statements drafted and voted on by the SPS Council and voted on at its annual meeting. The following are a few selected statements of particular importance for your chapter. The full text of all adopted statements is available at <u>spsnational.org/about/governance/statements</u>.

# Mental Well-being

The Society of Physics Students (SPS) and Sigma Pi Sigma ( $\Sigma\Pi\Sigma$ ) acknowledge that the success of all students is tied to mental health. As the national organization representing those with an interest in physics, we encourage chapters and advisers to discuss issues of mental health and to identify resources for students.

# Diversity, Inclusion, Ethics, and Responsibility

The Society of Physics Students (SPS) welcomes all students with a passion for physics independent of identity, regardless of but not limited to race, ethnic origin, religious beliefs, gender, gender identity, sexual orientation, disability, age, family and socio-economic status, or cultural background. Many groups are under-represented in physics and SPS and Sigma Pi Sigma have not always been welcoming to diverse groups. Today all our events are subject to our Code of Conduct, and SPS and Sigma Pi Sigma are committed to working to correct this exclusion and will continue to update our policies and best practices in pursuit of promoting diversity, inclusion, and equity.

# Commons Rooms, Department Health, and Identity

The Society of Physics Students (SPS) recognizes that a physics commons room or physics lounge encourages community and provides a space for learning. Physics and Astronomy students, faculty, and guests benefit from a dedicated place for discussion and discovery. Access to a commons room empowers undergraduate students in their studies while also promoting collaboration. SPS is committed to providing resources that support and highlight student commons rooms. We encourage other groups within the physics and astronomy community to create student commons rooms with the goal of nurturing our physics communities.

# **Climate Crisis**

The Society of Physics Students and the Sigma Pi Sigma National Council encourage chapters to sponsor, engage in, and pursue outreach events that promote awareness of the scientific basis of human-induced climate change to the general public. Furthermore, chapters are encouraged to champion initiatives that address the climate crisis and to practice environmental sustainability.

# Diversity

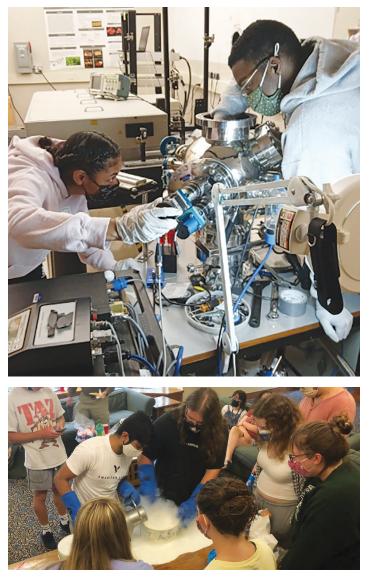
The Society of Physics Students recognizes that there is a vast untapped intellectual resource in all groups underrepresented in physics. For this reason, the Society of Physics Students is committed to making physics more accessible to everyone. We are committed to providing programs, resources and opportunities that encourage greater participation in the community of physics from members of all groups.

# Inclusivity

The Society of Physics Students (SPS) has, since its inception, been open to anyone interested in physics and recognizes that lasting engagement in the community of physics from members of all groups is vital to the sustainability of physics as a discipline. Therefore, all SPS chapters and their members should strive to make all gatherings and events, whether formal or informal, local, regional, or national, welcoming to anyone interested in physics. The Society of Physics Students is committed to providing resources that promote and support the development of inclusive physics communities where members of all groups feel welcomed, valued, and empowered to be themselves.

# Outreach

The Society of Physics Students recognizes that outreach inspires scientific literacy while promoting public understanding of the benefits of physics education and research. Community and educational partnerships also foster curiosity and passion in the next generation. These activities enrich the experience of the participating undergraduate students as ambassadors of science by promoting a deeper commitment to their discipline. We are committed to providing programs, resources and opportunities that highlight physics and encourage community outreach partnerships.



# The SPS Office

The SPS Office staff are equipped to connect our members, advisers, and chapters to the resources they need. Our phones are staffed Monday-Friday from 8:00 am - 4:30 pm Eastern time, and we can be reached anytime via email at **sps@aip.org**.



Brad Conrad Director, SPS and Sigma Pi Sigma bconrad@aip.org | (301) 209-3111



Mikayla Cleaver SPS Programs Coordinator mcleaver@aip.org | (301) 209-3029



Andrew Zeidell Assistant Director of Sigma Pi Sigma azeidell@aip.org | (301)209-3197



Aaron Hansen Creative Services Manager ahansen@aip.org | (301) 209-3141



Kayla Stephens Assistant Director of SPS kstephens@aip.org | (301) 209-3062



Hyun-Joo Kim Web and Graphic Designer hjkim@aip.org | (301) 209-3101



Lydia Quijada SPS Membership Coordinator Iquijada@aip.org | (301) 209-3008



Sacha Purnell SPS Senior Administrator spurnell@aip.org | (301) 209-3011

# For questions regarding

Outreach, awards, scholarships, and internships, contact: **sps-programs@aip.org**  SPS membership, dues, and meetings, contact:

sps-membership@aip.org

Sigma Pi Sigma inductions, regalia or other matters, contact: **sigmapisigma@aip.org**  All other inquiries may be directed to

sps@aip.org





# ANNUAL CALENDAR OF APPLICATION DEADLINES

¢	FALL DEADLINE November 15	<ul> <li>Marsh W. White Award</li> <li>The Future Faces of Physics Award</li> <li>SPS Chapter Research Award</li> <li>Sigma Pi Sigma Chapter Project Award</li> <li>SPS-AAPT-ALPhA Undergraduate Award for Outstanding Laboratory Development</li> </ul>
*	WINTER DEADLINE January 15	SPS Summer Internship
<b>()</b>	<b>SPRING DEADLINE</b> March 15	<ul> <li>SPS Scholarships</li> <li>Outstanding Undergraduate Research Award</li> <li>Outstanding Chapter Advisor Nominations</li> <li>Journal of Undergraduate Reports in Physics</li> </ul>
Ŏ	SUMMER DEADLINE June 15	<ul> <li>Chapter Reports including the Blake Lilly Prize</li> </ul>
	ONGOING Opportunities	<ul> <li>SPS Travel, Research, &amp; Reporter Awards</li> <li>SPS Outstanding Service Awards</li> <li>SOCK Outreach Kit Requests</li> <li>Sigma Pi Sigma Service Award</li> </ul>

For a detailed list of award and program deadlines, please visit:



# SPS: Application Deadlines for Awards and Programs

# **Online Application System**

All applications and proposals for SPS and Sigma Pi Sigma awards and programs, with the exception of the Outstanding Chapter Award, Blake Lilly Prize, and Zone Meeting Grants, are handled via a single online system. Details on how to apply and a link to the online application system are available on the award webpages, <u>spsnational.org/awards</u>, or through your SPS membership profile <u>membership.spsnational.org</u> (click on "SPS Awards Application" in the upper right hand area).

Award and Program Deadlines are broken into four application periods. For a detailed list of award and program deadlines please visit <u>spsnational.org/awards/award-deadlines</u>

# Fall Deadline: Applications due November 15

# Future Faces of Physics Award

spsnational.org/awards/future-faces

- Several awards of up to \$500 may be made each year
- Awarded to chapters for activities that promote physics or astronomy related across cultures

# Marsh W. White Award

#### spsnational.org/awards/marsh-white

- Several awards of up to \$500 may be made each year
- Awarded to chapters for physics and astronomy outreach activities to grades K-12 and the general public

# SPS Chapter Research Award

spsnational.org/awards/chapter-research

- Several awards of up to \$2,500 may be made each year
- Awarded to chapters for physics and astronomy research projects

# Sigma Pi Sigma Chapter Project Award

sigmapisigma.org/sigmapisigma/awards/chapter-project\_

• For details, see the "ΣΠΣ Awards" section

# AAPT-ALPhA Undergraduate Award for Outstanding Laboratory Development

#### spsnational.org/awards/outstanding

- Awarded to (an) undergraduate(s) on the basis of their exceptional contributions to advanced laboratory development and letters of recommendation.
- Winners will present their work at the summer national AAPT meeting, supported by a \$1,000 student travel award, a \$500 faculty travel award, a \$500 student honorarium, and a \$500 award to the department to advance the department's advanced laboratory.

# Winter Deadline: Applications due January 15

# **SPS Internship Program**

spsnational.org/programs/internships

• For details, see the "SPS Programs & Resources" section

# SPS Congressional Visits Day

spsnational.org/programs/sps-cvd

• For details, see the "SPS Programs & Resources" section

# **Spring Deadline: Applications due March 15**

# SPS Scholarships

#### spsnational.org/awards/scholarships

Scholarships are applied for via one application through the online awards system. Applicants are encouraged to apply for all scholarships that they qualify for. SPS Scholarship amounts and eligibility are listed below:

# SPS Leadership Scholarship

- Several \$2,500-\$6,000 awards may be made each year
- Applicants must have junior level standing
- Awarded on the basis of academic performance and leadership in SPS

# Herbert Levy Scholarship

- One \$2,500 award may be made each year
- Awarded to undergraduate students on the basis of scholarship, SPS participation, and financial need
- Established in the memory of the late Dr. Herbert Levy, by Margaret Sussman Levy

# **Future Teacher Scholarship**

- One \$2,500 award may be made each year
- Awarded to undergraduate students on the basis of scholarship, SPS participation, and a stated teaching career objective(s)

# Peggy Dixon Two-Year Scholarship

- One \$2,500 award may be made each year
- Awarded to undergraduate students on the basis of scholarship, SPS participation, and attendance at a two-year college
- Established in the memory of the late Dr. Peggy Dixon

# Kirsten R. Lorentzen Award

- One \$2,000 award is made each year
- Awarded to a female student in her sophomore or junior year of study
- Awarded to an exceptionally well-rounded student who excels in her studies as well as outdoor activities, service, sports, music, or other non-academic pursuits or who has overcome significant obstacles
- The Lorentzen Award is an Association for Women in Science (AWIS) Educational Foundation program administered by SPS

# Science Systems and Applications, Inc. (SSAI) Academic Scholarship

- One \$2,000 award may be made each year
- Awarded to undergraduate students on the basis of scholarship and SPS participation

# Science Systems and Applications, Inc. (SSAI) Underrepresented Student Scholarship

- One \$2,000 award may be made each year
- Awarded to undergraduate students who are from a group that is underrepresented in science and engineering, on the basis of scholarship and SPS participation

# LLNL-AIP Leadership Scholarship

- Up to three \$2,000 may be awarded and funded in conjunction with the SPS Leadership Scholarships
- Awarded on the basis of academic performance and SPS/ department participation

# SPS and AAPT Mary Beth Monroe Memorial Scholarship

- One \$2,500 award may be made each year
- Awarded to undergraduate students majoring in physics or physics education on the basis of scholarship, SPS participation, attendance at a community college, and intent to pursue a career in education

# Outstanding SPS Chapter Advisor Award

# spsnational.org/awards/outstanding-chapter-advisor

- One award is made each year to a chapter advisor, nominated by their students
- Winners receive \$6,000: 60% to the chapter advisor, 20% to the chapter, 20% to the department
- Awarded to a chapter advisor whose chapter has received an Outstanding Chapter Award within the preceding two years during their tenure as SPS chapter advisor
- Awarded on the basis of leadership, student leadership development, chapter support, and encouragement the advisor has provided to the chapter

# SPS Award for Outstanding Undergraduate Research

- spsnational.org/awards/outstanding-undergraduate-research
  - Two or more awards may be made each year
  - Awarded to SPS members on the basis of their research, letters of recommendation, and SPS participation
  - Winners are able to attend and present their research at a AIP member society meeting of their choice (registration and travel costs up to \$1,800 are eligible for reimbursement)
  - Receive a \$500 honorarium for themselves and a \$500 honorarium for their SPS chapter

# **Summer Deadline: Applications due June 15**

# **SPS Annual Chapter Reports**

spsnational.org/resources/chapters/annual-chapter-reports

Submission of an SPS Annual Chapter Report qualifies your chapter for the Outstanding SPS Chapter Award and other chapter designations. Within the Chapter Report, you can apply for the Blake Lilly Prize.

For details about Chapter Reports, please see the "SPS Chapter Health" section.

# SPS Outstanding Chapter Award

# spsnational.org/awards/outstanding-chapter

- · Several awards may be made in each zone every year
- Winners receive a certificate and national recognition
- Awarded to chapters that demonstrate active involvement on the local, zone, and national levels in keeping with the mission of SPS

# Blake Lilly Prize

# spsnational.org/awards/blake-lilly

- One award per zone may be made each year
- Winners receive a physics or astronomy related publication and a certificate
- Awarded to chapters or individuals that engage in physics
   outreach activities
- Established in the memory of the late Blake Lilly by his parents

# **Ongoing Application Opportunities**

# SPS Travel Award

### spsnational.org/awards/travel

Applications are accepted on a rolling basis up to 10 business days before the conference

- Multiple \$300 awards may be made each year for meetings
- Awarded to SPS members presenting their research at AIP Member Society national meetings
- Awarded to undergraduates on a first-come first-served basis
- · Limited to one award, per person, per academic year

# **SPS Reporter Award**

# spsnational.org/awards/reporter

Applications are accepted on a rolling basis up to 10 business days before the conference

- Multiple \$300 awards may be made each year for meetings
- Awarded to SPS members reporting on national professional meetings for SPS publications
- Awarded to undergraduates, on a first-come first-served basis
- Limited to one award, per person, per academic year

# SPS Research Travel Award

spsnational.org/awards/research Applications are accepted on a rolling basis up to 10 business days

before the event

- Multiple \$300 awards may be made each year for meetings
- Awarded to SPS members conducting research at national labs, observatories, or similar institutions.
- Awarded to undergraduates, on a first-come first-served basis
- Limited to one award, per person, per academic year

# SPS SOCKs (Science Outreach Catalyst Kits)

#### spsnational.org/programs/outreach/science-outreach-catalyst-kits

Applications are accepted on a rolling basis throughout the academic year

• For details, see the "SPS Programs & Resources" section

# SPS Zone Meeting Kits and Grants

#### spsnational.org/meetings/zone-meetings/funding

Applications are accepted on a rolling basis up to 10 business days before the zone meeting

- Up to \$900 per zone per year may be allotted to the chapter hosting the zone meeting
- You can also request SPS brochures and posters with your meeting kit
- A final report is required to receive all funds
- This is NOT accessible via the online awards system, please email <u>lquijada@aip.org</u> for details

# The SPS Outstanding Service Award

spsnational.org/awards/service

Applications are accepted on a rolling basis

- Awarded to faculty and students who exemplify an attitude of service to the discipline of physics and astronomy through actions at the local, national, or international level
- Nominees should have had a positive impact on an SPS chapter, a department, or the broader community
- Recipients receive plaque purchased from the National office by the awarding chapter
- Nomination packets are reviewed by the Director of SPS and Sigma Pi Sigma and the SPS President, in consultation with the SPS Executive Committee

# SPS: Programs & Resources

# **SPS Internship Program**

# spsnational.org/programs/internships

The SPS summer internship program offers 10-week positions for undergraduate physics and astronomy students in science research, education and policy with various organizations in the Washington, DC area. Eligible applicants must be undergraduates, members of the SPS organization, and have at least two years of college physics (or equivalent). SPS summer interns receive a stipend of \$6,500, local housing, travel costs, and have the opportunity to participate in a number of engaging supplemental activities that explore the full range of career options available to physics majors.

# SPS SOCK (Science Outreach Catalyst Kits)

spsnational.org/programs/outreach/science-outreach-catalyst-kits

Science Outreach Catalyst Kits, or SOCKs, contain an exploratory physics and science activity that is specifically designed for SPS chapters to use in outreach presentations to elementary, middle and high school students. Each SOCK comes with the basic materials to conduct a set of demonstrations, a comprehensive manual, and instructions on how to expand the demonstration to become a triedand-true outreach activity. SOCKs are designed and implemented annually by the SPS SOCK Intern and National Office staff.

# SPS Outreach Demonstrations

#### spsnational.org/programs/outreach/demonstrations

Looking for a new demonstration for an outreach event? Want to jump start your chapter on outreach? SPS staff and interns have designed easily-accessible online demonstrations to help you make a difference in your local communities. Each demonstration includes a parts lists, instructions, key physical concepts to explain, and demonstration videos (where appropriate).

# SPS Alumni Engagement Program

# spsnational.org/programs/alumni-engagement

The Alumni Engagement program provides SPS alumni and SITS members the opportunity to stay connected with the undergraduate physics and astronomy community. Through the Alumni Engagement Program, alumni can sign-up to be a part of the SPS Speakers Bureau, volunteer for the Adopt-a-Physicist program, conduct informational interviews, and even mentor current SPS students. Chapters and SPS Members can search for alumni based on location and type of requested interaction, SPS will assist in matching the requests to volunteers.



# Careers Toolbox for Undergraduate Students and their Mentors

# spsnational.org/careerstoolbox

The Careers Toolbox for Undergraduate Physics Students and their Mentors, a product of the Careers Pathways Project, is a set of professional development tools that guide students through their career options and prepare them for success in the job search. Careers Toolbox workshops materials are available online and the print version is available for purchase in the online SPS store.

# **Graduate School Resources**

# GradSchoolShopper.com

GradSchoolShopper.Com is the most comprehensive resource for undergraduates looking for graduate programs in the physics, astronomy, and related fields. Students can search for their graduate schools by research specialty, acceptance rate, due dates, campus setting, and location! The GradSchoolShopper directory lists a programs in related-fields, including materials science, engineering, chemical physics, optics, and many more.

# Additional Grad School Resources

Looking for advice for navigating the graduate school admission process or information on the Physics GRE? SPS provides resources and articles to help you find the best graduate school and program for you. Visit <u>spsnational.org/career-resources</u> for access to all SPS Graduate School resources.

### **Physicist Profiles**

#### spsnational.org/career-resources/physicist-profiles

SPS compiles physicist profiles to help students, parents, and the public learn about the diverse career paths available to those who study physics, and typical factors associated with various jobs. Read about career options or submit a profile yourself!

#### Psi\* and Physics for Humans

#### www.spsnational.org/programs/outreach/psistar

The purpose of Psi\* is to bring physics students' inventiveness to fruition through material and creative support; to foster employer, investor, and community awareness of the potential for innovation by physics students in the service of human needs; and to engage physics alumni to use their experience to aid student innovators.

# Sigma Pi Sigma ( $\Sigma\Pi\Sigma$ ): Programs and Awards

Sigma Pi Sigma programs are grounded in its mission to honor outstanding scholarship in physics; to encourage interest in physics among students at all levels; to promote an attitude of service of its members toward their fellow students, colleagues, and the public; and to provide a fellowship of persons who have excelled in physics. Programs are funded by generous donations of alumni and underwritten by the American Institute of Physics. To learn how you can contribute, see <u>donate.aip.org</u>.

# **ΣΠΣ Service to High School Physics Classes: Adopt-a-Physicist** adoptaphysicist.org

Adopt-a-Physicist connects high school students to physics degree recipients, recruited primarily from among the Sigma Pi Sigma membership. These adoptees are eager to share their stories as a means of helping students understand the benefits of studying physics and the career opportunities it provides. Working in areas ranging from particle physics research to freelance writing, the participating physicists embody a huge range of careers, backgrounds, interests, and educational levels. Adopt-a-Physicist connects classes with the physicists of their choice through online discussion forums that are active for a specific three-week session.

# **ΣΠΣ** Awards

Awards issued by Sigma Pi Sigma, the physics honors society sigmapisigma.org/sigmapisigma/awards\_

# Worth Seagondollar Award

The most prestigious award offered by Sigma Pi Sigma Applications accepted on a rolling basis

- Recipients receive a medal and certificate
- Awarded to individuals who have served on the SPS Council or Executive Committee and demonstrated extraordinary levels of service and commitment to Sigma Pi Sigma and the Society of Physics Students
- Nominations may be submitted by members of Sigma Pi Sigma or the SPS Council, and selection requires a unanimous vote of the SPS Executive Committee

# Sigma Pi Sigma Outstanding Service Award Applications accepted on a rolling basis

- Awarded to individuals who have performed meritorious service to the field of physics, to Sigma Pi Sigma, or to a local Sigma Pi Sigma chapter
- Awards can be bestowed by individual chapters and do not need approval from SPS
- Recipients receive recognition and certificate

# Sigma Pi Sigma Chapter Project Awards Applications due November 15

- Several awards of up to \$500 may be made each year
- Awarded to Sigma Pi Sigma chapters for funding of chapter inductions and events that aim to engage alumni or expand the recognition of Sigma Pi Sigma within the campus and surrounding community

# Publications

spsnational.org/resources/publications

# The SPS Observer

Each issue of *The SPS Observer* contains interesting topic-specific feature articles, advice from experienced voices, chapter and zone activities, physics problems, alumni connections, society news, announcements, and meeting notes from SPS reporters. It is published in print and online formats in the Fall, Winter, and Spring. Print subscriptions are mailed to the SPS Advisor at each chapter and all individual members.

# Journal of Undergraduate Reports in Physics

The *Journal of Undergraduate Reports in Physics* (JURP) is a focal point for professional communication within the physics and astronomy undergraduate community. Printed annually, articles published in

JURP are hosted by AIP Publishing and include, but are not limited to physics, astronomy, and related fields. JURP is free for undergraduate SPS members. JURP is available in print and online formats.

# **SPS News**

SPS News is the e-newsletter from the Society of Physics Students. SPS News is delivered to current SPS members' email inboxes during the academic year and monthly during the summer. Issues cover chapter- and program-related deadlines and announcements, upcoming scientific and member society meetings, zone meetings, REU and internship opportunities, SPS featured jobs, and more.

# Radiations

*Radiations* is the official publication of Sigma Pi Sigma. Published biannually, each issue contains interesting feature articles, connections to the broader world around us, community and member activities, physics news, society updates, member spotlights, and thought provoking pieces written by members. It is published in hard copy format and online. Subscriptions are included with your lifetime Sigma Pi Sigma membership dues.

# **SPS Membership**

# Local connection to a global community

SPS represents all students interested in physics and astronomy. SPS helps to build a community and voice for undergraduate students. Membership in the national organization of the Society of Physics Students is an important as a first-step in professional affiliation for students. Connection to SPS helps students and mentors transform themselves into members of the professional community. As SPS is a partnership between students and faculty, advisors are encouraged to join to take advantage of the resources SPS provides to support department health and promote a sense of community.

# A professional organization for students and their mentors

While coursework provides the necessary foundation in physics and astronomy, success in classes develops only one range of essential skills. SPS enables students to transform from "course-takers" into contributing members of the professional science community.

Connecting students and their mentors with opportunities

SPS provides students with opportunities to develop effective professional communication skills, gain leadership experience, and be part of an international professional network. A lifetime of interactions begins with SPS. Active involvement as an SPS member provides opportunities to present research at professional meetings, professional development tools and advice, access to a robust online job portal and career building resources, science outreach tools, connections to in the local community and beyond, and eligibility for competitive SPS scholarships, grants, and awards.

# Discover a wide range of career options

SPS supports the Careers Toolbox and GradSchoolShopper. These tools are designed to equip physics and astronomy departments and their students with resources for effective career preparation - whether or not that includes graduate school.

The Careers Toolbox was designed to identify common features among physics departments with a strong record of preparing physics bachelor's for the science, technology, engineering, and mathematics (STEM) workforce and to disseminate that information to the physics community. Available as both workshop materials and a standalone student guide, the Careers Toolbox is designed to help undergraduate physics and astronomy students prepare to enter the science, technology, engineering, and mathematics workforce. The Careers Toolbox is a free-downloadable resource and can be found here spsnational.org/sites/all/careerstoolbox/.

GradSchoolShopper.com a comprehensive directory of graduate programs in physics, astronomy, and related fields. Participating departments update their highly searchable program profiles annually, allowing students to find programs based on specialty, location or other key search terms. Additional data is also made downloadable so that students can compare programs by acceptance rate, deadlines, enrollment data and more. Each September GSS issues a magazine of advice and guidance specific to finding a grad program in physics, astronomy or a related field. The content is available alongside the searchable programs on the GSS website as well as in print.

# SPS: working to improve the undergraduate experience

SPS is open to anyone interested in physics and astronomy, welcoming students from all majors and diverse backgrounds to participate in the great science of physics. Locally, regionally, nationally, and internationally, SPS provides important enrichments to the students' experience. Faculty mentors and other members of the physics community are also encouraged to be part of SPS.

# How to Join SPS

Membership in SPS provides many benefits and access to local, regional, and international programs and awards. There are three ways to join as an SPS member.

# Individual Membership - Best for immediate membership

You can join SPS immediately to access awards and scholarships for \$24 per year (\$30 for international addresses). With this membership type, you receive a printed version of The SPS Observer. Log-in to membership.spsnational.org 24/7 to join or renew.

**Group Membership** 

If your chapter has at least 5 members, we offer a group discount in which you save by submitting multiple registrations at a time. The more people who join, the larger your discount. This discount is available to undergraduates, graduate students, faculty, and staff and these members receive the same benefits as individual members. Visit <u>spsnational.org/about/membership</u> for details.

# **Chapter Membership**

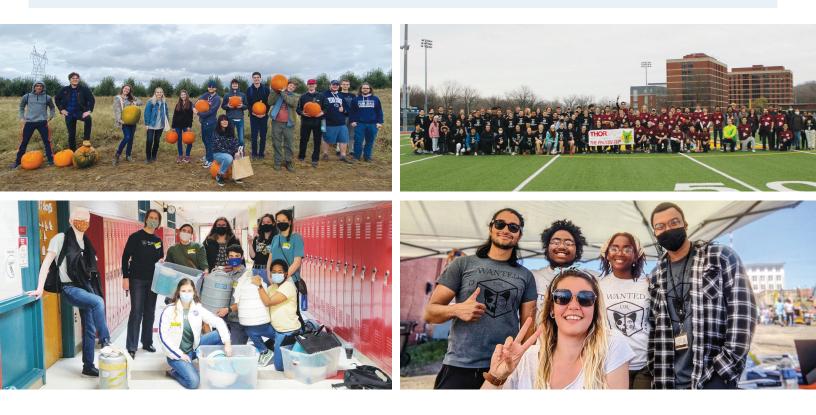
For a flat rate of \$350, your entire chapter becomes SPS members, including students and faculty. Through the chapter membership program, your chapter receives benefits such as copies of the Careers Toolbox, officer lapel pins, and an SPS wall decal for your lounge/department. Individuals participating in the Chapter Membership program will receive an electronic subscription to The SPS Observer. Visit <u>spsnational.org/</u><u>about/membership</u> for details.

# **SPS Member Benefits**

SPS paid members receive:

- *Physics Today* (monthly): A monthly award-winning publication
- The SPS Observer: magazine for undergrad physics and astronomy majors
- Journal of Undergraduate Reports in Physics (JURP): An annual publication of scholarly reports by SPS undergraduate members
- Free membership in two AIP Member Societies for up to three years (undergraduates only)
- Free membership in the National Society of Black Physicists (NSBP) and/or the National Society of Hispanic Physicists
- Eligibility to apply for grants, scholarships, internships, and other awards/programs
- Eligibility for outreach and chapter research monetary awards
- Physics demonstrations and free outreach kits (SOCKs)
- Research and travel grants to attend regional and national meetings

- PhysCon the largest national undergraduate conference for physics and astronomy majors
- SPS News (bi-weekly): electronic newsletter highlighting SPS meetings, upcoming awards and programs, physics news, and other items of interest to the undergraduate physics community
- Careers Toolbox for Undergraduate Physics Students and their Mentors
- GradSchoolShopper.com
- Professional development opportunities
- Connection to undergraduate-specific regional conferences
   and meetings
- Opportunity to run for the SPS council and serve on SPS committees
- Access to policy alerts and government advocacy events
- Community service events and outreach
- Diversity and inclusion resources & best practices for your chapter





# What is JURP?

The Journal of Undergraduate Reports in Physics (JURP) is a peer-reviewed publication of the society of Physics Students comprised of research, outreach, and scholarly reporting.

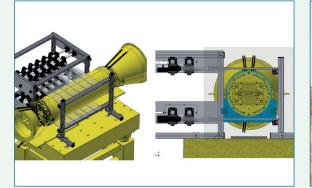
JURP provides exposure for SPS members conducting physics and astronomy research while also supporting faculty who conduct undergraduate research and scholarship through peer-reviewed publication.

# Scholarship

Independent research across all of physical sciences: physics, quantum, astronomy, engineering physics, astrophysics, optics, mathematical physics, nano-science, acoustics, meteorology, physics education, particle physics, electronics, medical physics, and more

# Research

Peer-reviewed papers within any area of physics and astronomy research. Accepted research submissions will be indexed and searchable.





# Submit Your Report!

All current SPS members are eligible to submit to JURP. The author(s) must have performed all the work reported in the paper as an undergraduate student.

SPS will accept the submissions to JURP on a rolling basis, but final deadline for the print edition is **March 15**. JURP is FREE for undergraduate SPS members students.



To submit your report and review previous JURP publications, please visit spsnational.org/jurp



# **PART II:** SPS CHAPTER HEALTH – DEVELOPMENT AND SUPPORT

# SPS Community - It starts with your chapter!

While SPS and Sigma Pi Sigma are nationally driven, the success of the organization depends on the activities carried out by the over 850 chapters at colleges and universities across the globe. Each chapter is unique. The initiatives, programs, and opportunities conceived and planned by the SPS Council are personalized by each chapter to best serve the interest of the local chapter's members, department, campus, and geographical setting.

It is through local chapter activities that students become involved with SPS outreach, awards, scholarship opportunities, research, professional development opportunities, networking, and so much more. Each individual chapter has a constitution and set of bylaws modeled after the SPS constitution that detail how the organization functions at the chapter level.



# **Advisor Resources**

A supportive SPS Advisor is key to the success of an SPS chapter. Among their many roles, the SPS Advisor supports chapter growth and development. They guide student leaders in identifying chapter goals and objectives, encourage officer development, and serve as a liaison between the chapter, faculty, and SPS. SPS Advisors promote an active and healthy community that represents the students' interests, year after year through leadership transitions. To better help advisors in in important role, SPS has a developed a suite of resources available at: <u>spsnational.org/resources/advisors</u>.

# **Annual Chapter Report**

To be eligible for the SPS Outstanding Chapter Awards and the SPS Outstanding Chapter Advisor award, each SPS chapter must submit an annual chapter report (spsnational.org/resources/chapters/ annual-chapter-reports). These reports convey the many and varied activities of local chapters and provide important data used by the SPS Council and National Office to advocate for programs, funding, and other support for local chapters. Those chapters that clearly exhibit and carry out SPS initiatives for their campus, community, and zone can be named as SPS Outstanding Chapters (learn more about Outstanding Chapters at spsnational.org/awards/outstanding-chapter). Outstanding Chapters are selected by the ZCs and AZCs on the SPS Council.

The SPS Council reviews all Chapter Reports to share the best practices.

If you are seeking ideas, don't hesitate to reach out to your AZC and ZC to learn about programs and initiatives that have worked for other chapters.

# **Connecting with other Chapters**

# spsnational.org/about/governance/zones/zone-directories

Chapters are also encouraged to plan joint activities with other chapters. You can find contact information for other chapters in your zone by contacting your zone leadership or through searching the SPS online zone directory. Your AZC and ZC may also set up other ways for chapters to communicate including Facebook groups, listservs, or Googlegroups. Be sure to watch out for these channels and contribute announcements and news from your chapter.

Possible opportunities to collaborate include physics and astronomy outreach days at local amusement parks, co-hosting a speaker, taking a tour of a nearby research facility, or even just a social event like a picnic or trivia night.

# **Zone Meetings**

Each zone is encouraged to host at least one zone meeting each year. These are typically coordinated by the AZC and ZC of the zone, but any institution within a zone may work with their zone leadership to serve as a host or co-sponsor. Synopses of past meetings, a list of upcoming zone meetings and information on how to host a zone meeting can be found online at <u>spsnational.org/meetings/zone-meetings</u>. The National Office has toolkits available to assist zones with planning, publicizing and executing these meetings.

Zone meetings are important networking opportunities between SPS members, chapters, and the professional physics and astronomy community. A typical zone meeting includes both scientific and social components. The scientific program may feature speakers, poster presentations by students, tours of campus, or industrial site visits. Social events may include icebreakers, team building activities like a ropes course, physics and astronomy trivia, meals, design competitions, service projects, or joint outreach events. When planning your zone meeting be sure to include lots of time for your attendees to meet one another. It's through these connections that our community grows stronger!

# Starting an SPS Chapter

All institutions of higher education which regularly offer at least a two-year curriculum that includes physics and astronomy and are accredited by the appropriate national or regional accrediting agency are eligible to have a Society of Physics Students chapter.

Chapters are chartered via petition to the SPS Executive Committee. Instructions and a template of the petition are available at: <u>spsnational.</u> <u>org/about/governance/chapters/starting-new-chapter</u>.

All chapters should have a slate of student officers and official faculty or staff advisor. Once the SPS Executive Committee has approved the petition, SPS will be in touch regarding specific procedures for installing your chapter.

# Maintaining a Healthy Chapter

The following list of principles, tips, and suggestions, can help your chapter remain active, healthy, and an integral component of your physics and astronomy department:

1) Decide that your SPS chapter is going to make a meaningful contribution to the students and department.



Decided that your chapter is going to make meaningful contributions to the professional development of the students, and to the culture of your department and that YOU are going to be the person who makes it happen.

# 2) Decide from the beginning that your chapter will participate in SPS Zone meetings.

Such involvement will pump everything else your chapter hopes to accomplish. Contact your Zone Councilor and Associate Councilor for information about the next meeting on your Zone or nearby Zones, or check listings at <u>spsnational.org/meetings/zone-meetings</u>. Make necessary plans (e.g., fund raising) well in advance. Be innovative in ways to cut expenses (e.g., some host chapters will invite visitors with space to roll out sleeping bags in the homes and dorm rooms of their members).

# 3) Plan local meetings, tours, and social events; about one event per month.

Your chapter will benefit from SPS-sponsored chapter colloquiums with local speakers (these can be part of the department's regular colloquium schedule, or a separate schedule run by SPS), and tours of nearby academic or industrial laboratories. Showing a physics or astronomy-related video or science-fiction film is enjoyable. Include several social events on your calendar (e.g., parties and picnics). Fellowship is very important.

For speakers, ask physicists and other scientists from your campus or nearby schools, and local engineers and other technical people who use the sciences and mathematics in industry and business. Local speakers will usually speak to student groups at no charge to you, but do not forget to practice hospitality (e.g., have cookie time before the talk, and, if possible, take the speaker to dinner afterwards).

#### 4) Look to the future.

This begins with Zone participation, and continues by "taking physics and astronomy on the road," with programs such as "Physics Circuses" to local grades K-12. Until every physicist (including the undergraduate physicist) is at least taking lenses and magnets into a local elementary school classroom, and working cooperatively with the teacher there to encourage the pupil's interest in science, we as a professional community are not doing all we know to do for science literacy and appreciation. When it comes to science outreach to grades K-12 and the general public, the SPS can show the rest of the professional community the way. Set up a math-physics tutoring service for your campus or a nearby elementary or secondary school. Help a local school organize and judge its science fair. Collaborate with other campus student organizations in projects of mutual interest. Present papers on your outreach programs at Zone meetings.

To assist your outreach activities, the SPS publishes The Physics Outreach Notebook. When your chapter has an established outreach program, you may wish to submit an article about it for publication in the Notebook. Other chapters may be able to adapt your ideas.

#### 5) Involve students in undergraduate research experience.

The research experience does not have to be publishable—the publishable stuff can come later, and the objectives of undergraduate research are too important to leave only to publishable projects. These objectives include the following:

- 1. developing the skills and habits of mind that cannot be taught in courses,
- 2.acquiring communication skills in presenting results at Zone meetings, and
- 3.becoming a participant in the life of the professional community through involvement in meetings.

As a possible aid to starting and maintaining an undergraduate research program, even with zero funding, the SPS Office has published the booklet *How to Involve Undergraduates in Research* available at <u>spsnational.org</u>.

#### 6) Make SPS visible.

Send your campus and other local newspapers descriptions of your members' outreach efforts to the local community, your participation in professional meetings, and other activities. Send the SPS Office newsworthy items that we can pass on to other chapters. Place an SPS mailbox in the department mailroom, obtain an electronic mail address for SPS use, and arrange for an SPS student office/ lounge. Point out to the department chair that these amenities are an investment in the esprit de corps of the physics and astronomy majors. When the majors "own" a piece of the department, they have a sense of identity with it that course work alone cannot provide. Participate with other campus organizations in projects of campuswide interest. Have an exhibit on new-student welcome week. If your school has a homecoming parade, have an SPS entry in it!

SPS chapters are encouraged to make their own logo, based off the SPS logo. Logos are available here: <u>www.spsnational.org/about/</u> <u>society-media/logos-branding</u>





# 7) Make your chapter a valuable asset to the physics and/or astronomy department.

The *esprit de corps* of your chapter can set the tone for the departmental culture. The accomplishments of your chapter can serve as an important and documentable asset in the recruitment of prospective students. Your chapter meetings can serve as colloquiums for the department.

# 8) Involve freshmen, sophomore, and transfer students.

Too often an active chapter becomes inactive when one or two student leaders graduate. To make meaningful activity in your chapter a tradition, invite students to join SPS as soon as possible, and get them involved in all your activities and events without delay. Posters on campus and scheduled five-minute presentations in introductory university physics and astronomy courses are helpful, and personal contacts are especially effective. Make sure some newer students attend Zone meetings, even if they go as spectators. While their colleagues present papers they begin visualizing themselves presenting papers too. If you have more volunteers than jobs, create more jobs (e.g., "chapter publicist," "chapter historian," etc., are all useful titles).

# 9) If your chapter does not already have a Sigma Pi Sigma chapter, take steps towards chartering one.

See the Sigma Pi Sigma Mission Statement, and information about chartering a chapter of Sigma Pi Sigma: <u>sigmapisigma.org/</u><u>sigmapisigma/about/chapter-resources</u>.

# 10) Look over the Chapter Annual Report Form and SPS Calendar now.

These will help you get started by providing objectives at which to aim. In May, be sure to send the completed report to the SPS Office by the deadline date. That way, your chapter will be eligible for an "Outstanding Chapter Award."

# Other Ideas for Your Chapter

# For SPS Meetings and Colloquia:

- SPS colloquiums can include student speakers, such as those practicing their talks before going to Zone meetings, or those who recently completed a summer research project.
- Informal lunch "brown bag" meetings, with a speaker describing some project or recent trip to a conference are enjoyable.
- Discuss resume writing, job interviews, and the job market.
- Discuss recent articles in physics and astronomy magazines or journals.
- Invite the department chairperson to an informal rap session on what the department is doing, what its goals and problems are.
- Invite recent alumni to talk about their graduate school and/or employment experiences.

# Physics and astronomy Outreach to Grades K-12 and the Public:

- Develop a "Physics Circus" or other program to take into local schools (or that they can attend on your campus).
- Invite local high school physics students to join SPS as members of your chapter and participate in your programs (there are no high school SPS chapters). This is also a splendid student recruitment tool for your department.
- Arrange for public viewing of astronomical objects through the department's telescopes.

- Working with the chemistry and biology departments, arrange for tours of your campus laboratories by school children.
- Help coach pre-college students for the exams that seek the United States Physics Team for the International Physics Olympiad.
- Help a local school conduct its Science Fair (e.g., volunteer to be judges).

# Service to the Physics and astronomy Department (making your chapter indispensable):

Conduct problem-solving sessions for groups of students in introductory physics courses.

- Offer a tutoring service for individual students who come by your SPS room.
- Carry out a course evaluation survey for the physics and/or astronomy department.
- Prepare bulletin boards and window displays illustrating physical phenomena, historical personalities, the influence of physics and astronomy in society, the department's programs and personnel.
- Host a SPS Zone meeting.
- Publish a semi-annual chapter and departmental newsletter. This can be sent to alumni, prospective students, donors, university administrators, students' parents and friends, colleagues in other institutions, and other friends of the department with whom you wish to maintain contact.
- Maintain a chapter and departmental scrapbook.
- Collect, organize, and post information about graduate schools. Your department chair receives loads of this stuff all the time and would appreciate having someone take the task of dealing with it off their hands.

# Social Events:

- Hold a student-faculty picnic at the beginning of the academic year, and another at the end of the academic year.
- Have a chapter camping trip.
- Have parties at holiday times.
- After a big exam, have a "decompression party" at a faculty member's house.
- Plan to have a dignified Sigma Pi Sigma induction ceremony every year. An evening banquet with a speaker, presented with class and engaging all the department, can become a high point of the departmental calendar.

# Membership Promotion:

- Participate in Freshman Orientation Programs that acquaint new students with campus organizations.
- Have SPS members visit introductory physics classes and make a five-minute presentation.
- Involve interested freshmen in all SPS activities. Involve them first; and then membership will take care of itself.
- If the department has a graduate program, invite the graduate students to all SPS functions, and to join
- SPS and hold offices. Indeed, in some universities, the graduate students are more active in SPS than the undergraduates!
- Place prospective majors on your mailing list during new student recruitment. The accomplishments of your chapter can be a tremendous asset for recruitment.
- Give a SPS membership as a door prize as part of the drive for new members.

# 22 | Part II. SPS Chapter Health – Development and Support

#### Fundraising:

- Design and sell chapter T-shirts or coffee mugs. The SPS Office can provide logos and assistance.
- Collect used textbooks, journals and calculators and have a sale. Faculty usually have a few items to donate.
- Have a garage sale.
- Ask the department chair if the SPS can sell coffee and donuts.
- Bake cookies and sell them.
- Use your connections with local businesses to obtain items to raffle.

Many SPS activities can be supported with a small budget funded by local chapter dues. As a campus organization, the SPS chapter may be eligible to receive an allocation from the Student Government Association upon the submission of the necessary paperwork and budget. Often the physics department will assist the chapter with transportation and mailing expenses. Travel can be done cheaply if members split car expenses and use sleeping bags at the destination (assuming the host is willing).

# Conducting SPS Chapter Meetings and Building your Chapter

The personality of a local SPS Chapter is as unique as the individuals that comprise the chapter. Each chapter has the ability to determine the frequency of their chapter meetings and the content/activities conducted within their chapter meetings. The best practices for chapter meetings are to incorporate activities and events that foster a sense of community and culture for your local department. SPS is whatever it needs to be and we celebrate these variations.

The below list includes great ideas for things that local chapters can do to help foster community and culture and can form the basis for the agendas of your chapter meetings:

# **Encouraging National Membership**

SPS leaders are encouraged to work to get the entire local chapter registered as dues paying SPS members. The benefits are many. For one, all the members in the chapter have a common set of knowledge about SPS programs and opportunities. This builds community and energy for participating in the larger organization. Many chapters have SPS membership as a requirement for travel with the chapter, and find creative ways for fundraising to pay for individual or chapter dues. There is a reduced rate if chapter members sign up as a group or as a chapter. Information pertaining to the membership discounts

can be found here spsnational.org/about/membership.

#### **Encourage Participation in SPS Programs**

Find ways to encourage chapter members to participate in SPS programs and opportunities. This is another way to make the point that no matter what the size of the chapter, SPS members are a part of something bigger. Award winners and scholarship winners are recognized in SPS publications, both in print and electronically. For departments, these awards can serve as recruitment and retention tools, as they demonstrate the engagement and success of students and faculty mentors in the department. Students should also be encouraged to attend regional and national AIP member society and professional meetings. Students should be encouraged to present research at these scientific meetings, but should encouraged and supported to attend even if not presenting to become introduced to the professional community.

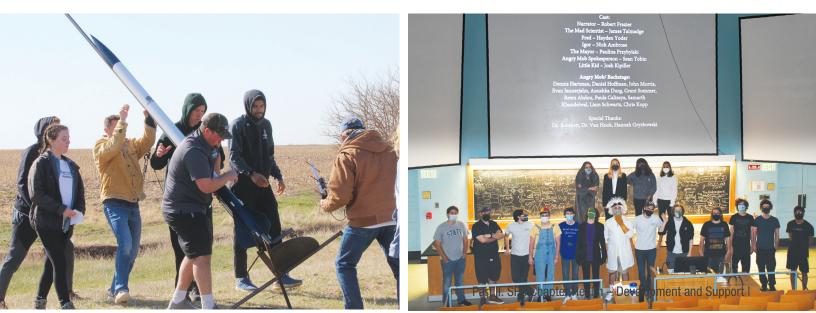
# Participate in Tours, Field Trips, and Professional Speakers

One way to introduce students to the professional community is through exposure. Chapters are encouraged to arrange field trips, participate in tours of nearby national labs, industrial companies, hospitals, or other areas where people practice the physical sciences. Bringing speakers to campus (whether physically or virtually) to speak with students is a huge benefit to students that can help connect them to the larger physics and astronomy community.

# **Connection to Your Local Campus and Community Beyond**

In many departments, the SPS chapter serves as a vehicle for recruitment and retention. Your chapter can create a number of activities that provide a sense of community for the physics and astronomy department and those interested in physics and astronomy. Example activities include organizing a physics and astronomy demo fair for local primary and secondary schools, to sending chapter officers to classrooms to recruit new SPS members, to hosting banquets for incoming underclassmen and graduating upperclassmen.

SPS chapters are encouraged to interact with the larger campus community, so that physics and astronomy is not just something done in the physics and astronomy building. Help others get to learn about physics as well! SPS chapters can plan joint fundraising activities with other student organizations, hold picnics for faculty and students, plan career fairs with other STEM departments, etc.



# Yearly Calendar for SPS Chapters

There is no standard program for a SPS chapter because each chapter is unique. This calendar provides a guide for activities and programs your chapter may wish to consider throughout the academic year. Not every chapter will choose to engage in every element. Choose those that work best for you!

# **BEGINNING OF SEMESTER:**

- Membership Drive: Participate in Freshman Orientation Program to acquaint freshmen with SPS. Have a booth to encourage bulk registration for national membership.
- Put up SPS posters and meeting announcements
- Request the SPS outreach kit (SOCK)
- Plan biweekly meetings for the year

Visit introductory physics classes

# **SEPTEMBER:**

- Kick-off social (Ex. facultystudent picnic or other getacquainted event)
- Fundraisers: Sell books donated by faculty, used textbooks, bumper stickers, chapter-designed T-shirts, raffle tickets, car wash, etc.
- Plan for big events and outreach: Marsh W. White Award, Future Faces of Physics Award, and Sigma Pi Sigma Undergraduate Research Award proposals, brainstorm outreach events
- Post fall mailing materials
- Collect dues and fill out group membership forms for discount

# **OCTOBER:**

- Talk by outside lecturer at meeting
- Bad physics movie night
- Attend SPS Zone Meeting or plan to attend regional meeting
- Arrange to attend a national research meeting
- Hold a fundraiser for PhysCon
- Halloween-themed physics and astronomy event
- Check out SPS outreach demos or create your own to upload on the website
- Ask your AZC\* and ZC\* about the next zone meeting

# **NOVEMBER:**

- Submit chapter proposal for Marsh W. White Award & Future Face of Physics Award
- Submit student proposals for SPS Chapter Research Award
- Host an outside speaker/ lecturer at monthly meeting
- Tour of physics/astronomy research laboratory (industrial, government, or academic)
- Submit chapter proposal for Sigma Pi Sigma Chapter Project Award
- Thanksgiving potluck

# **DECEMBER:**

- Business meeting: Nomination of chapter member as candidate for associate zone councilor
- Program planning for spring social event (set date, budget, etc.)
- Host a year-end party
- Identify a spring tour at a nearby lab or facility

# **JANUARY:**

- Submit student applications for SPS summer internships
- Plan chapter road trip
- Prepare a member outreach event
- Hold fundraising event for spring events

# **FEBRUARY:**

- Arrange a talk by faculty member at monthly meeting
- Host a bad physics movie night
- Submit SPS Scholarship applications
- Apply for SPS and ΣπΣ service awards

# MARCH:

- Talk by outside lecturer at monthly meeting
- Tour of physics or astronomy research laboratory (industrial, government, or academic)
- Sponsor physics department open house
- Business meeting: Cast chapter vote in SPS elections
- Attend SPS zone meeting
- Submit SPS Scholarship and Outstanding Undergraduate Research applications, and Outstanding Chapter Advisor nominations
- Submit research and scholarly reports for publication in JURP

# **APRIL:**

- Sigma Pi Sigma reception, talk, and induction banquet
- Talk by outside lecturer at monthly meeting
- Business meeting: Election of chapter officers for next academic year, preliminary planning for chapter program for next academic year
- Submit new officers to SPS database
- Business meeting: Nomination of chapter officers for next academic year
- Find a creative way to thank and celebrate your SPS advisor

# MAY:

- Large social event: facultystudent picnic and soccer game
- Submit Chapter Report before everyone leaves for the summer and apply for Blake Lilly Prize
- Plan a fall meeting date to start off the new year
- Celebrate graduating seniors
- Develop goals for next year
- Email the new AZC and ZC to introduce your SPS chapter and officers



# Sample SPS Chapter Bylaws

#### spsnational.org/about/governance/sample-bylaws-chapters

(Name of Institution) Chapter of the Society of Physics Students

# ARTICLE I. NAME

The name of this organization shall be "The (NAME OF INSTITUTION) Chapter of the Society of Physics Students".

# ARTICLE II. OBJECTIVES

The purpose of this Chapter shall be the advancement and diffusion of knowledge of physics and astronomy, the encouragement and diffusion of knowledge of physics and astronomy, the encouragement of interest in physics and astronomy throughout the academic and local communities, and the introduction of students to the professional community.

# **ARTICLE III. MEMBERSHIP**

#### Section I. Society of Physics and astronomy Students Membership

Membership in this Society of Physics and Astronomy Students Chapter shall be open to all individuals interested in physics and astronomy.

# \*\*Section II. Sigma Pi Sigma Membership

Membership in Sigma Pi Sigma, the physics and astronomy honor society included within this Society of Physics Students Chapter, shall be based upon character and academic and professional attainments and is not restricted to physics and astronomy majors. Election to Sigma Pi Sigma members from among those candidates presented by the Sigma Pi Sigma nominating committee appointed by the chapter Advisor.

Clause 1. For undergraduate students in physics, astronomy, or related fields, the minimum requirements for SIgma Pi Sigma membership within this Chapter shall be as follows:

(A) All members-elect shall have completed at least the equivalent of three semesters (five quarters) of full-time college work.

(B) All members-elect shall have completed at least three semester (five quarters) courses in physics or astronomy, each of at least three credit hours, which may be credited



26 | Part II. SPS Chapter Health - Development and Support

toward a physics major.

(C))\*\*\* All members-elect shall rank in the upper one third of their college class.

(D)\*\*\* All members-elect shall have attained at least a 3.0 grade point average on a 4.0 system for physics and astronomy courses and for cumulative course grades in all courses.

Clause 2. For graduate students in physics or related fields, all members-elect either (a) shall meet the requirements for undergraduate members-elect, based upon their undergraduate records, or (b) shall have completed at least one year of graduate work, meeting departmental standards for satisfactory progress towards an advanced degree.

Clause 3. For faculty members, research staff members, and other qualified individuals, who are in physics or related fields, election to membership shall be based upon their professional attainments.

# **ARTICLE IV. OFFICERS**

# Section I. Chapter Officers

The officers of the Chapter shall be a President, a Vice President, a Secretary, and a Treasurer; succession shall be in accordance with this order. Any two of the last three offices may be combined. These officers shall perform the duties prescribed by these bylaws and by the parliamentary authority adopted by this Chapter.

# Section II. Elections

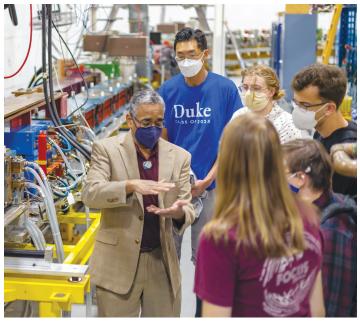
Officers shall be elected at a scheduled meeting in April of each year. Nominations shall be by open nomination at a meeting in the previous month. The election shall be by closed ballot. Officers-elect shall assume their officers immediately following the election and shall hold office for one year or until their successors are duly elected.

# Section III. Sigma Pi Sigma Responsibility

Upon the installation of a Sigma Pi Sigma Chapter within the Society of Physics Students Chapter, one of the officers, who is a Sigma Pi Sigma member, and the Chapter Advisor shall be given specific responsibility of the affairs of the Sigma Pi Sigma Chapter.

# **ARTICLE V. CHAPTER ADVISOR**

The Chapter Advisor shall be a faculty member appointed by the Chairman of the Physics and/or Astronomy Department, after



consultation with the Chapter Officers. The Chapter Advisor shall provide liaison among the Chapter, the Physics Department, and the National Office of the Society of Physics Students. The Chapter Advisor will supply counseling to the Chapter, furnish continuity of experience in Chapter operations, and provide long-range perspective to insure departmental interest in and support of the Society of Physics Students. The Chapter Advisor shall assist the Secretary in furnishing the National Office with the required data and shall assist the Treasurer in transmitting fees and dues to the National Office.

# **ARTICLE VI. MEETINGS**

Regular meetings shall be held monthly as determined by the officers. Special meetings may be called by the President or Vice-President. There shall be at least six meetings per year.

# ARTICLE VII. DUES

Regular meetings shall be held monthly as determined by the officers. Special meetings may be called by the President or Vice-President. There shall be at least six meetings per year.

# ARTICLE VIII. PARLIAMENTARY AUTHORITY

The rules contained in the current edition of Robert's Rules of Order Newly Revised shall govern the Chapter in all cases to which they are applicable and in which they are not inconsistent with these bylaws and any special rules of order the Chapter may adopts.

# ARTICLE IX. AMENDMENT OF BYLAWS

These bylaws may be amended by a two-thirds vote, provided that the amendment shall have been proposed at least one meeting previous to the time of vote. Such amendments shall conform to the regulations established by the National Constitution of the Society of Physics Students.

\*Variations in bylaws, as required to suit local circumstances, are acceptable providing they agree with the spirit of the National Constitution of the Society of Physics Students.

\*\*Article III, Section II and Article IV, Section III must be included by, and only by, institutions eligible to elect members into Sigma Pi Sigma (accredited, four-year institutions offering at least a bachelor's degree in physics or astronomy).

\*\*\*The requirement in Article III, Section II, Clause I(D) is not a constitutional requirement. However, it is usually easier to obtain a

grade point average from the Recorder's Office than a class rank. Provision should be made to periodically check with the Recorder's Office that the specified GPA also satisfies Article III, Section II, Clause 1(C), which requires members-elect to rank in the upper one third of their college class and which is a minimum requirement specified by the National Constitution.

# Seven Roles of SPS in the Physics and Astronomy Community

# 1. Undergraduate Research as a Teaching Tool

Undergraduate research teaches lessons and fosters skills that course work alone often cannot reach. The mission of undergraduate research is not the research itself; it is the growth in self-confidence and experience for the undergraduate. The product of undergraduate research is not necessarily a publication; it is the transformation of the student from being merely a taker of courses into a contributing member of the professional community.

Through SPS Zone Meetings, the SPS Observer, online journal publications, and various programs, SPS launches students into their professions. creates an entrée into the profession through undergraduate research experience opportunities.

# 2. Physics Outreach to K-12 Students and the General Public

Until every physicist is taking demonstrations to a local grade school at least once a year and working as colleagues with the teachers there to promote science literacy, the physics and Astronomy community is not doing everything possible to foster the public's appreciation of science. There are over 820 SPS chapters in the United States and internationally. Almost every one of them is near several elementary and secondary schools. SPS can take the lead in physics and Astronomy outreach.

# 3. Multiple Career Options are Open to Those With a Degree in Physics and astronomy

There is no major that guarantees a student a job. Therefore, students are well-advised to pursue a course of study that maximizes their options. AIP has both anecdotal and statistical evidence that graduates with a Bachelor's degree in physics and





astronomy do well in a wide spectrum of careers, and not only in the traditional track that proceeds through physics and astronomy graduate school. Physics alumni are engineers, computer scientists, insurance actuaries, teachers, managers, patent lawyers, financial analysts, politicians, mathematicians, statisticians, etc. They have made careers in business, chemistry, meteorology, geology, biophysics, medicine, and many other fields. Peruse the SPS Careers Resources featuring profiles of physicists, careers information and statistics, and explore career opportunities. Find out more here: <u>spsnational.org/career-resources</u>.

#### 4. Recruitment and Retention Tool for the Department

A student may come to a particular physics department for a preengineering program. But once engaged in the active SPS chapter by participating in undergraduate research, attending professional meetings, being involved in physics and astronomy outreach to the local schools, and forming a network of like-minded colleagues, the student may stay with the department to major or minor in physics and astronomy. This is especially true in light of the many career options that are open to someone with a bachelor's degree in physics. In an environment where all academic departments are under pressure to maintain high enrollments, an active SPS chapter provides a definite advantage to the physics and astronomy department.

# 5. SPS and Sigma Pi Sigma Members are the "Friends of Physics and astronomy" throughout Society

SPS exists to create a sense of community throughout the undergraduate physics world. SPS is the only institutionalized structure that the physics community has for engaging not only the student physicist, but the student friend of physics and astronomy that may major in another field. Sigma Pi Sigma is the only institutionalized structure that the and Astronomy community has for engaging those many persons who have excelled in physics and then go forth into all walks of life, and pursue careers that include but are not limited to those of traditional physics.

Given the present lack of science appreciation in society, and the uncertain future of public support for basic research and science education, the SPS and Sigma Pi Sigma communities can play a large role in promoting and advocating on behalf of STEM research and support.

# 6. SPS as an Introduction to the Other Professional Physical Science Societies

SPS members who join as an undergraduate may chose free membership in two of the ten AIP Member Societies. Many of these societies offer resources and benefits that will support them as they pursue professional careers.

# 7. Training for Leadership

Twenty or thirty years from now, students who are now members of SPS and who are planning careers in traditional physics will be the leaders of the physics and astronomy institutions and the culture of physics and astronomy. Students who are now members of SPS but who go into other fields will similarly be leading the way in their circles of influence. The physics establishment, and the establishments of potential friends of physics and astronomy, will be theirs to shape, for better or worse.

Through SPS activities, the student's professional development, communication skills, leadership qualities, and professional networking are enhanced in ways that cannot be realized in coursework alone. SPS and Sigma Pi Sigma have unique and important roles to fulfill in shaping the culture of physics and its related disciplines.



# $\begin{array}{l} \mbox{PART III.} \\ \mbox{SIGMA PI SIGMA}(\Sigma \sqcap \Sigma), \\ \mbox{THE PHYSICS AND ASTRONOMY HONORS SOCIETY} \end{array}$

Sigma Pi Sigma is the physics and astronomy honors society. Chapters are restricted to colleges and universities of recognized standing that offer a physics and astronomy major and students that are selected to join must meet a high standard of scholarship and outstanding achievement. Sigma Pi Sigma is an excellent source of support for departments and the students. It is highly encouraged to make Sigma Pi Sigma inductees, members, and alumni part of the larger department family by inviting them to talks, including them in departmental ceremonies, and inviting them to interact with or mentor current students. SPS can assist with connecting you to alumni of your chapter.

# **ΣΠΣ** Membership & Benefits

Membership is not limited to undergraduates. Graduate students, faculty members, and accomplished scientists from all careers are welcome in Sigma Pi Sigma. While local chapters set standards for prospective members, the minimum national standards specify that undergraduates must be in the upper one-third of their class in general scholarship, have completed at least three semesters or five quarters of full-time college course work, and have completed at least three semesters or five quarter toward a physics baccalaureate degree. Graduate students are eligible

for induction upon completing one year of study with satisfactory progress. Students who are not physics majors can be elected, provided that they meet the standards and have demonstrated an interest in physics.

A  $\Sigma\Pi\Sigma$  chapter is highly encouraged to induct qualified students and faculty members from nearby colleges that do not have a chapter. Physicists and astronomers in industry, government laboratories, and science educators can be elected by chapters on the basis of their professional record.

# Lifetime Membership

Induction into Sigma Pi Sigma includes a lifetime membership. An entrance fee for \$54.00 is paid at the time of induction. This fee includes a one-year membership in the Society of Physics Student (SPS), an official  $\Sigma\Pi\Sigma$  pin, membership certificate, a lifetime subscription to Radiations magazine, and an official membership card. There are no annual dues to Sigma Pi Sigma or special assessment beyond the original entrance fee. Sigma Pi Sigma members can also purchase regalia, including honor cords, stoles, and tassels, to be worn in commencement ceremonies and other academic events through the SPS Store: sigmapisigma.org/sigmapisigma/induction-center/insignia-regalia.

# www.spsnational.org/pion-resources

Sigma Pi Sigma members are encouraged to stay engaged with the society throughout their professional careers through the Pion Portal. The Pion Portal aims to engage the Sigma Pi Sigma community to help physics students develop skills, insight, and relationships that will prepare and empower them to make the best, most effective career decisions upon graduation. Whether you are a student or an alumnus, we encourage you to get involved with the Sigma Pi Sigma community through the Pion Portal. Check out the resources below!

Want to volunteer? Email us at <u>sigmapisigma@aip.org</u> or give us a call at 301-209-3007 so that we can connect you with a local department or service opportunity.

#### Encouragement

By honoring high achievement in physics and upholding high standards for election into Sigma Pi Sigma, the Society provides an incentive for all physics students to rise to excellence. The society is a source of encouragement to all students who study physics, whateverthe ultimate level of performance achieved by the individual. Such encouragement ranges from promoting physics interest and science literacy in the general public, to challenging those who are pondering their potential for earning higher degrees. Sigma Pi Sigma urges its members to demonstrate this encouragement through personal service.





30 | Part III. Sigma Pi Sigma  $(\Sigma \sqcap \Sigma)$ , the physics honors society

# Service

With the recognition of accomplishment comes a responsibility to service at all levels. Nationally, Sigma Pi Sigma members can serve by helping to work for sound national science policies. Locally, Sigma Pi Sigma members can serve in community science education projects and in mentoring individual students. Through our member's personal initiative, members of the local community can learn more about physics and witness the high standards of Sigma Pi Sigma membership. Our colleges, universities, and our Society know that when we become alumni, because we respect the personal struggle for excellence, we will support the generations of students that follow. When the experience of Sigma Pi Sigma members is placed at the service of others, at any level, then Sigma Pi Sigma touches more lives than may be counted by the number of its members.

#### Fellowship

The criterion of Sigma Pi Sigma membership is proven excellence in physics. Sigma Pi Sigma members represent many generations of experience and wisdom that can be focused on the matters that unite us.

In Sigma Pi Sigma, there are no professional boundaries. One finds all professions represented in the Sigma Pi Sigma membership. There are many practicing physicists among Sigma Pi Sigma members, but excellence in physics has opened many career options to our members. Sigma Pi Sigma unites a diverse group of exceptional people who have shared in the culture and traditions of physics. With the common thread of this shared background running through so rich a diversity of generations and professions, Sigma Pi Sigma promotes a spirit of community among its members and encourages them to offer their collective wisdom and perspectives in the service of the larger society.



# Inductions and the Ceremony

Chapters are highly encouraged to highlight the induction of new members by hosting an induction ceremony. The ceremony is an opportunity to honor those that have excelled academically and to bring positive attention to the program and department. The traditions of each chapter are unique, with each school carrying out this important recognition of excellence and department culture in their own way. Inductions can happen any time of year, with most chapters choosing Spring.

To celebrate, most schools invite campus administrators, friends, inductee relatives, and Sigma Pi Sigma Alumni to join in the welcoming of the newest inductees. This sharing of the experience is also a fantastic opportunity to showcase the department and connect with alumni. There are resources for the induction ceremony (including videos, Powerpoint presentations, detailed scripts, and ceremony format suggestions) located here: <u>sigmapisigma.org/sigmapisigma/</u> induction-center.

The SPS office processes new Sigma Pi Sigma memberships electronically. Once students (or departments) have paid and are registered as new inductees, personalized induction materials are provided to chapter advisors for the induction ceremony. Please allow for 10 full business days for processing to avoid expedited shipping charges. For specific details, visit the virtual green folder: sigmapisigma.org/sigmapisigma/induction-center.

# **Department Benefits**

While membership within Sigma Pi Sigma benefits individual members, chapters help departments develop and maintain a healthy community.

- SPS can connect you with Sigma Pi Sigma members who are alumni, often long after they have graduated from your department.
- Through our Alumni Engagement Program and national membership network, we can work with you with speakers from a broad array of career pathways.
- Sigma Pi Sigma can provide students, faculty, and alumni with community service opportunities that span the globe.
- Membership within Sigma Pi Sigma can be extended to those that serve a department's students, faculty, and local community.
- Your department can honor alumni and those that strengthen your department through Sigma Pi Sigma service awards and honorary membership.
- The National Office can provide resources, advice, and connections to the broader Physical Sciences community.









# Listing of SPS Chapters with Installation Dates

- 1. Adelphi University, Garden City, NY April 22, 1968
- 2. Alabama, University of, Tuscaloosa, AL April 22, 1968
- 3. Albion College, Albion, MI April 22, 1968
- 4. Alma College, Alma, MI April 22, 1968
- American International College, Springfield, MA April 22, 1968
- Andrews University, Berrien Springs, MI April 22, 1968
- Angelo State University, San Angelo, TX April 22, 1968
- Arizona State University, Tempe, AZ April 22, 1968
- 9. Arizona, University of, Tucson, AZ April 22, 1968
- Central Arkansas, University of, Conway, AR April 22, 1968
- 11. Arkansas, University of, Fayetteville, AR April 22, 1968
- 12. Auburn University, Auburn, AL April 22, 1968
- 13. Augustana College, Rock Island, IL April 22, 1968
- Augustana College, Sioux Falls, SD April 22, 1968
- 15. Aurora College, Aurora, IL April 22, 1968
- 16. Ball State University, Muncie, IN April 22, 1968
- 17. Bates College, Lewiston, ME April 22, 1968
- 18. Baylor University, Waco, TX April 22, 1968
- Belknap College, Center Harbor NH April 22, 1968
- 20. Beloit College, Beloit, WI April 22, 1968
- 21. Berea College, Berea, KY April 22, 1968
- 22. Bloomsburg University, Bloomsburg, PA April 22, 1968
- 23. Boston College, Chestnut Hill, MA April 22, 1968
- 24. Boston State College, Boston, MA April 22, 1968
- 25. Bowdoin College, Brunswick, ME April 22, 1968
- 26. Bowling Green State University, Bowling Green, OH – April 22, 1968
- 27. Bridgeport, University of, Bridgeport, CT April 22, 1968
- Bridgewater College, Bridgewater, VA April 22, 1968
- 29. Brigham Young University, Provo, UT April 22, 1968
- 30. Brooklyn College of the CUNY, Brooklyn, NY April 22, 1968
- 31. Bucknell University, Lewisburg, PA April 22, 1968
- 32. C.W. Post College of Long Island University, Greenvale, NY April 22, 1968
- California State University-Fullerton, Fullerton, CA – April 22, 1968
- California State University-Long Beach, Long Beach, CA – April 22, 1968
- California State University-Los Angeles, Los Angeles, CA – April 22, 1968
- California Polytechnic State University-San Luis Obispo, San Luis Obispo, CA – April 22, 1968
- California-Davis, University of, Davis, CA April 22, 1968
- California-Los Angeles, University of, Los Angeles, CA – April 22, 1968
- California-Santa Barbara, University of, Santa Barbara, CA – April 22, 1968
- 40. Canisius College, Buffalo, NY April 22, 1968

32

41. Carnegie-Mellon University, Pittsburgh, PA - April

22, 1968

- 42. Carson-Newman College, Jefferson City, TN April 22, 1968
- Case Western Reserve University, Cleveland, OH April 22, 1968
- Centenary College of Louisiana, Shreveport, LA April 22, 1968
- Central State University, Edmond, OK April 22, 1968
- Christian Brothers College, Memphis, TN April 22, 1968
- Cincinnati, University of, Cincinnati, OH April 22, 1968
- 48. Citadel, The, Charleston, SC April 22, 1968
- City College of the CUNY, New York, NY April 22, 1968
- 50. Clark University, Worchester, MA April 22, 1968
- 51. Clarkson University, Potsdam, NY April 22, 1968
- 52. Clemson University, Clemson, SC April 22, 1968
- 53. Cleveland State University, Cleveland, OH April 22, 1968
- 54. Colby College, Waterville, ME April 22, 1968
- 55. Colgate University, Hamilton, NY April 22, 1968
- 56. Colorado School of Mines, Golden, CO April 22, 1968
- Colorado State University, Fort Collins, CO April 22, 1968
- Colorado, University of, Boulder, CO April 22, 1968
- 59. Connecticut, University of, Storrs, CT April 22, 1968
- 60. Cooper Union, The, New York, NY April 22, 1968
- 61. Creighton University, Omaha, NE April 22, 1968
- 62. Dartmouth College, Hanover, NH April 22, 1968
- 63. Davidson College, Davidson, NC April 22, 1968
- Dayton, University of, Dayton, OH April 22, 1968
   Delaware, University of, Newark, DE April 22,
- 1968
- 66. Denison University, Granville, OH April 22, 1968
- 67. Denver, University of, Denver, CO April 22, 1968
- 68. De Paul University, Chicago, IL April 22, 1968
- DePauw University, Greencastle, IN April 22, 1968
- 70. Detroit, University of, Detroit, MI April 22, 1968
- 71. Dickinson College, Carlisle, PA April 22, 1968
- 72. Drake University, Des Moines, IA April 22, 1968
- 73. Drew University, Madison, NJ April 22, 1968
- 74. Drexel University, Philadelphia, PA April 22, 1968
- 75. Duke University, Durham, NC April 22, 1968
- Duquesne University, Pittsburgh, PA April 22, 1968
- 77. East Carolina University, NC April 22, 1968
- 78. Eastern Illinois University, IL April 22, 1968
- 79. Eastern Kentucky University, Richmond, KY April 22, 1968
- 80. Emmanuel College, Boston, MA April 22, 1968
- 81. Emory University, Atlanta, GA April 22, 1968
- Evansville, University of, Evansville, IN April 22, 1968
- 83. Fairfield University, Fairfield, CT April 22, 1968
- Fairleigh Dickinson University, Teaneck, NY April 22, 1968
- Florida Institute of Technology, Melbourne, FL April 22, 1968

- Florida Southern College, Lakeland, FL April 22, 1968
- Florida State University, Tallahassee, FL April 22, 1968
- Florida, University of, Gainesville, FL April 22, 1968
- 89. Fordham University, Bronx, NY April 22, 1968
- 90. Fort Hays State University, Hays, KS April 22, 1968
- 91. Franklin & Marshall College, Lancaster, PA April 22, 1968
- 92. Gannon University, Erie, PA April 22, 1968
- 93. George Washington University, Washington, DC April 22, 1968
- 94. Georgetown University, Washington, DC April 22, 1968
- Georgia Institute of Technology, Atlanta, GA April 22, 1968
- 96. Georgia, University of, Athens, GA April 22, 1968

Grinnell College, Grinnell, IA - April 22, 1968

100. Grove City College, Grove City, PA - April 22, 1968

- 97. Gettysburg College, Gettysburg, PA April 22, 1968
- 98. Greenville College, Greenville, IL April 22, 1968

Hanover College, Hanover, IN – April 22, 1968
 Hartwick College, Oneonta, NY – April 22, 1968

103. Harvard University, Cambridge, MA - April 22,

104. Harvey Mudd College, Claremont, CA – April 22,

105. Herbert H. Lehman College of the CUNY, Bronx, NY

106. Hofstra University, Hempstead, NY - April 22, 1968

Houston, University of, Central Campus, Houston,

107. Holy Cross, College of the, Worcester, MA - April

109. Howard University, Washington, DC - April 22,

110. Humboldt State University, Arcata, CA - April 22,

111. Hunter College of the CUNY, New York, NY - April

112. Idaho State University, Pocatello, ID - April 22,

113. Idaho, University of, Moscow, ID - April 22, 1968

114. Illinois Institute of Technology, Chicago, IL - April

116. Indiana Institute of Technology, Fort Wayne, IN -

118. Indiana University, Bloomington, IN - April 22,

119. Indiana University of Pennsylvania, Indiana, PA -

120. Iona College, New Rochelle, NY - April 22, 1968

121. Iowa State University, Ames, IA - April 22, 1968

122. Jacksonville University, Jacksonville, FL - April 22,

John Carroll University, University Heights, OH -

Johns Hopkins University, Baltimore, MD – April

115. Illinois State University, Normal, IL - April 22, 1968

117. Indiana State University, Terre Haute, IN - April 22,

99

1968

1968

22, 1968

1968

1968

1968

22, 1968

22.1968

1968

1968

1968

123.

124.

April 22, 1968

April 22, 1968

April 22, 1968

22, 1968

108.

April 22, 1968

TX – April 22, 1968

- Pittsburg State University, Pittsburg, KS April 22, 1968
- 126. Emporia State University, Emporia, KS April 22, 1968
- Kansas State University, Manhattan, KS April 22, 1968
- Kansas, University of, Lawrence, KS April 22, 1968
- Kansas Wesleyan University, Salina, KS April 22, 1968
- 130. Kent State University, Kent, OH April 22, 1968
- Kentucky, University of, Lexington, KY April 22, 1968
- 132. Lafayette College, Easton, PA April 22, 1968
- 133. Lake Forest College, Lake Forest, IL April 22, 1968
- Lamar University, Beaumont, TX April 22, 1968
   La Salle College, Philadelphia, PA April 22, 1968
- Lebanon Valley College, Annville, PA April 22, 196
   1968
- 137. Lehigh University, Bethlehem, PA April 22, 1968
- 138. Le Moyne College, Syracuse, NY April 22, 1968
- Linfield College, McMinnville, OR April 22, 1968
   Loma Linda University, Riverside, CA April 22,
- 1968
- Long Island University, Brooklyn, NY April 22, 1968
- Louisiana State University, Baton Rouge, LA April 22, 1968
- New Orleans, University of, New Orleans, LA April 22, 1968
- Louisiana Tech University, Ruston, LA April 22, 1968
- Louisville, University of, Louisville, KY April 22, 1968
- Massachusetts-Lowell, University of, Lowell, MA April 22, 1968
- 147. Loyola College, Baltimore, MD April 22, 1968
- Loyola Marymount University, Los Angeles, CA April 22, 1968
- Loyola University of Chicago, Chicago, IL April 22, 1968
- Loyola University of New Orleans, New Orleans, LA – April 22, 1968
- 151. Lycoming College, Williamsport, PA April 22, 1968
- 152. McMurry College, Abilene, TX April 22, 1968
- Maine, University of, Orono, ME April 22, 1968
   Manchester College, North Manchester, IN April
- 22, 1968
- 155. Manhattan College, Bronx, NY April 22, 1968
- 156. Marshall University, Huntington, WV April 22, 1968
- 157. Maryland-College Park, University of, College Park, MD – April 22, 1968
- Massachusetts Institute of Technology, Cambridge, MA – April 22, 1968
- Memphis, University of, Memphis, TN April 22, 1968
- Merrimack College, North Andover, MA April 22, 1968
- 161. Miami University, Oxford, OH April 22, 1968
- Michigan State University, East Lansing, MI April 22, 1968
- Michigan Technological University, Houghton, MI April 22, 1968
- 164. Minnesota, University of, Minneapolis, MN April 22, 1968
- 165. Mississippi State University, Mississippi, MS April 22, 1968

- Misouri-Columbia, University of, Columbia, MO April 22, 1968
- 167. Missouri-Rolla, University of, Rolla, MO April 22, 1968
- Monmouth College, West Long Branch, NJ April 22, 1968
- 169. Morehead State University, Morehead, KY April 22, 1968
- 170. Morgan State University, Baltimore, MD April 22, 1968
- 171. Morningside College, Sioux City, IA April 22, 1968
- 172. Muhlenberg College, Allentown, PA April 22, 1968
- Murray State University, Murray, KY April 22, 1968
- 174. Muskingum College, New Concord, OH April 22, 1968
- Nebraska Wesleyan University, Lincoln, NE April 22, 1968
- 176. Nevada-Reno, University of, Reno, NV April 22, 1968
- New Mexico State University, Las Cruces, NM April 22, 1968
- 178. New Mexico, University of, Albuquerque, NM April 22, 1968
- 179. New York Institute of Technology, Old Westbury, NY - April 22, 1968
- New York Institute of Technology, New York, NY April 22, 1968
- New York University, University Heights, Bronx, NY April 22, 1968
- 182. New York University, New York, NY April 22, 1968
- 183. Niagara University, NY April 22, 1968
- 184. North Carolina A&T State University, Greensboro, NC April 22, 1968
- North Carolina State University, Raleigh, NC April 22, 1968
- North Carolina-Chapel Hill, University of, Chapel Hill, NC – April 22, 1968
- North Dakota State University, Fargo, ND April 22, 1968
- North Dakota, University of, Grand Forks, ND April 22, 1968
- North Georgia College, Dahlonega, GA April 22, 1968
- North Texas State University, Denton, TX April 22, 1968
- Northeastern University, Boston, MA April 22, 1968
- Northern Illinois University, Dekalb, IL April 22, 1968
- 193. Notre Dame College, South Euclid, OH April 22, 1968
- 194. Oakland University, Rochester, MI April 22, 1968
- 195. Occidental College, Los Angeles, CA April 22, 1968
- 196. Ohio State University, Columbus, OH April 22, 1968
- 197. Ohio University, Athens, OH April 22, 1968
- Oklahoma City University, Oklahoma City, OK April 22, 1968
- Oklahoma State University, Stillwater, OK April 22, 1968
- 200. Oklahoma, University of, Norman, OK April 22, 1968
- Old Dominion University, Norfolk, VA April 22, 1968
- Olivet Nazarene University, Kankakee, IL April 22, 1968
- 203. Oregon State University, Corvallis, OR April 22,

- 204. Widener College, Chester, PA April 22, 1968
- 205. Pacific Lutheran University, Tacoma, WA April 22, 1968
- 206. Pacific Union College, Angwin, CA April 22, 1968
- 207. Pacific, University of the, Stockton, CA April 22, 1968
- 208. Texas-Pan American, University of, (Pan American University), Edinburg, TX April 22, 1968
- Pennsylvania State University, University Park, PA April 22, 1968
- 210. Pittsburgh, University of, Pittsburgh, PA April 22, 1968
- Polytechnic Institute of New York, Brooklyn, NY April 22, 1968
- 212. Providence College, Providence, RI April 22, 1968
- 213. Puget Sound, University of, Tacoma, WA April 22, 1968
- 214. Purdue University, West Lafayette, IN April 22, 1968
- Rensselaer Polytechnic Institute, Troy, NY April 22, 1968
- Rhode Island, University of, Kingston, RI April 22, 1968
- 217. Rice University, Houston, TX April 22, 1968
- 218. Richmond, University of, Richmond, VA April 22, 1968
- 219. Ripon College, Ripon, WI April 22, 1968
- 220. Roanoke College, Salem, VA April 22, 1968
- 221. Rose-Hulman Institute of Technology, Terre Haute, IN – April 22, 1968
- 222. Rutgers University-New Brunswick, Piscataway, NJ - April 22, 1968
- 223. Rutgers University, Camden College of Arts & Sciences, Camden, NJ – April 22, 1968
- Rutgers University, Newark College of Arts & Sciences, Newark, NJ April 22, 1968
   St. Ambrose College, Davenport, IA April 22,

226. St. Bonaventure University, St. Bonaventure, NY -

227. St. Francis College, Loretto, PA - April 22, 1968

228. St. John Fisher College, Rochester, NY - April 22,

229. St. John's University, Jamaica, NY - April 22, 1968

230. St. Joseph's University, Philadelphia, PA - April 22,

231. St. Lawrence University, Canton, NY - April 22,

232. St. Mary's University of Minnesota, Winona, MN -

233. St. Mary's University, San Antonio, TX - April 22,

234. St. Olaf College, Northfield, MN - April 22, 1968

236. Benedictine University, Lisle, IL - April 22, 1968

237. Salem College, Salem, WV - April 22, 1968

235. St. Peter's College, Jersev City, NJ – April 22, 1968

238. Sam Houston State University, Huntsville, TX - April

239. San Diego State University, San Diego, CA - April

240. California Stae University-Northridge, Northridge,

241. San Francisco State University, San Francisco, CA

242. San Francisco, University of, San Francisco, CA -

243. San Jose State University, San Jose, CA - April 22,

33

1968

1968

1968

1968

1968

22, 1968

22, 1968

CA - April 22, 1968

April 22, 1968

April 22, 1968

1968

April 22, 1968

April 22, 1968

- 244. Santa Clara University of, Santa Clara, CA April 22, 1968
- 245. Scranton, University of, Scranton, PA April 22, 1968
- 246. Seattle Pacific University, Seattle, WA April 22, 1968
- 247. Seattle University, Seattle, WA April 22, 1968
- 248. Seton Hall University, South Orange, NJ April 22, 1968
- 249. Slippery Rock University, Slippery Rock, PA April 22, 1968
- 250. South, University of the, Sewanee, TN April 22, 1968
- South Dakota School of Mines & Technology, Rapid City, SD – April 22, 1968
- 252. South Dakota, University of, Vermillion, SD April 22, 1968
- 253. South Florida, University of, Tampa, FL April 22, 1968
- 254. Southeast Missouri State University, Cape Girardeau, MO – April 22, 1968
- 255. Southern Illinois University-Carbondale, Carbondale, IL April 22, 1968
- 256. Southern Illinois University-Edwardsville, Edwardsville, IL – April 22, 1968
- 257. Southern Missionary College, Collegedale, TN April 22, 1968
- 258. Southern Mississippi, University of, Hattiesburg, MS – April 22, 1968
- 259. Rhodes College, Memphis, TN April 22, 1968
- 260. Southwestern Louisiana, University of, Lafayette, LA – April 22, 1968
- 261. Southwestern Oklahoma State University, Weatherford, OK – April 22, 1968
- 262. Spring Hill College, Mobile, AL April 22, 1968
- Stanford University, Stanford, CA April 22, 1968
   Albany, The University at, Albany, NY April 22,
- 1968 265. SUNY at Binghamton, Binghamton, NY – April 22, 1968
- 266. SUNY at Stony Brook, Stony Brook, NY April 22, 1968
- 267. SUNY at Plattsburgh, Plattsburgh, NY April 22, 1968
- 268. Buffalo State College, Buffalo, NY April 22, 1968
- 269. SUNY at Cortland, Cortland, NY April 22, 1968
- 270. SUNY at Fredonia, Fredonia, NY April 22, 1968
- SUNY at Potsdam, Potsdam, NY April 22, 1968
   Stephen F. Austin State University. Nacoadoches.
- TX April 22, 1968
- 273. Stetson University, DeLand, FL April 22, 1968
- 274. Stevens Institute of Technology, Hoboken, NJ April 22, 1968
- 275. Temple University, Philadelphia, PA April 22, 1968
- 276. Tennessee Technological University, Cookeville, TN – April 22, 1968
- 277. Tennessee, University of, Knoxville, TN April 22, 1968
- 278. Tennessee-Chattanooga, University of, Chattanooga, TN – April 22, 1968
- Texas A&I University, Kingsville, TX April 22, 1968
   Texas A&M University, College Station, TX April
- 22, 1968 281. Texas Christian University, Fort Worth, TX – April 22, 1968
- 282. Texas Southern University, Houston, TX April 22, 1968
- 283. Texas Tech University, Lubbock, TX April 22, 1968
- 284. Texas-Arlington, University of, Arlington, TX April

22, 1968

- 285. Texas-Austin, University of, Austin, TX April 22, 1968
- 286. Texas-El Paso, University of, El Paso, TX April 22, 1968
- 287. Thiel College, Greenville, PA April 22, 1968
- Thomas More College, Fort Mitchell, NY April 22, 1968
- 289. Trinity College, Hartford, CT April 22, 1968
- 290. Trinity College, Washington, DC April 22, 1968
- 291. Trinity University, San Antonio, TX April 22, 1968
  292. Tulane University, New Orleans, LA April 22,
- 1968
- Tulsa, University of, Tulsa, OK April 22, 1968
   Union College, Schenectady, NY April 22, 1968
- 295. United States Air Force Academy, USAF Academy, CO – April 22, 1968
- 296. United States Naval Academy, Annapolis, MD April 22, 1968
- 297. Upsala College, East Orange, NJ April 22, 1968
- 298. Utica College of Syracuse University, Utica, NY April 22, 1968
- 299. Valdosta State College, Valdosta, GA April 22, 1968
- Valparaiso University, Valparaiso, IN April 22, 1968
- 301. Vanderbilt University, Nashville, TN April 22, 1968
- 302. Villanova University, Villanova, PA April 22, 1968
- Virginia Military Institute, Lexington, VA April 22, 1968
- 304. Virginia Tech, Blacksburg, VA April 22, 1968
- Norfolk State University, Norfolk, VA April 22, 1968
- 306. Virginia State University, Petersburg, VA April 22, 1968
- Virginia, University of, Charlottesville, VA April 22, 1968
- Wake Forest University, Winston-Salem, NC April 22, 1968
- Walla Walla College, College Place, WA April 22, 1968
- 310. Washburn University of Topeka, Topeka, KS April 22, 1968
- Washington State University, Pullman, WA April 22, 1968
- 312. Washington University, St. Louis, MO April 22, 1968
- Washington & Jefferson College, Washington, PA April 22, 1968
- Washington, University of, Seattle, WA April 22, 1968
- West Chester University, West Chester, PA April 22, 1968
- West Virginia University, Morgantown, WV April 22, 1968
- Western Illinois University, Macomb, IL April 22, 1968
- Western Kentucky University, Bowling Green, KY April 22, 1968
- Westminster College, New Wilmington, PA April 22, 1968
- 320. Wheaton College, Wheaton, IL April 22, 1968
- 321. Wichita State University, Wichita, KS April 22, 1968
- Wilkes University, Wilkes-Barre, PA April 22, 1968
- 323. William & Mary, College of, Williamsburg, VA April 22, 1968
- 324. William Jewell College, Liberty, MO April 22, 1968

- 325. Williams College, Williamstown, MA April 22, 1968
- Wisconsin-Platteville, University of, Platteville, WI April 22, 1968
- Wisconsin-Superior, University of, Superior, WI April 22, 1968
- 328. Wisconsin-Whitewater, University of, Whitewater, WI April 22, 1968
- Wisconsin-Madison, University of, Madison, WI April 22, 1968
- Wittenberg University, Springfield, OH April 22, 1968
- 331. Wooster, College of Wooster, OH April 22, 1968
- Worcester Polytechnic Institute, Worcester, MA April 22, 1968
- Wright State University, Dayton, OH April 22, 1968
- Wyoming, University of, Laramie, WY April 22, 1968
- 335. Xavier University, Cincinnati, OH April 22, 1968
- 336. Yeshiva University, New York, NY April 22, 1968
- 337. Moravian College, Bethlehem, PA July 15, 1968
- Louisiana at Monroe, University of, Monroe, LA (Northeast Louisiana University) – September 3, 1968
- Rochester, University of, Rochester, NY October 22, 1968
- Georgia State University, Atlanta, GA November 6, 1968
- Northern Arizona University, Flagstaff, AZ November 7, 1968
- 342. Utah State University, Logan, UT November 18, 1968
- Appalachian State University, Boone, NC December 12, 1968
- 344. Akron, University of, Akron, OH December 17, 1968
- Pennsylvania, University of, Philadelphia, PA December 17, 1968

347. Principia College, Elsah, IL – January 7, 1969

349. State University of West Georgia (West Georgia

College), Carrollton, GA - January 8, 1969

350. Southeastern Oklahoma State University, Durant,

351. Alabama-Huntsville, University of, Huntsville, AL -

352. Austin Peay State University, Clarksville, TN - Janu-

353. North Carolina-Wilmington, University of, Wilming-

354. Wisconsin-Oshkosh, University of, Oshkosh, WI -

355. Utah, University of, Salt Lake City, UT - February

356. Miama, University of Coral Gables - February 18,

357. Eastern New Mexico University, Portales, NM -

358. Florida Atlantic University, Boca Raton, FL - March

359. Frostburg State University, Frostburg MD - March

361. Wheeling Jesuit University, Wheeling, WV - March

362. American University, The, Washington, DC - March

360. Pratt Institute, Brooklyn, NY - March 10, 1969

30, 1968

January 7, 1969

OK - January 21, 1969

ton, NC - January 29, 1969

January 29, 1969

January 29, 1969

March 10, 1969

17, 1969

10, 1969

10.1969

10, 1969

21, 1969

1969

ary 29, 1969

346. Northwestern University, Evanston, IL - December

348. Rochester Institute of Technology, Rochester, NY -

- 363. Toledo, The University of, Toledo, OH March 26, 1969
- 364. West Virginia Institute of Technology, Montgomery, WV – March 27, 1969
- Elizabethtown College, Elizabethtown, PA March 28, 1969
- 366. Jamestown College, Jamestown, ND April 22, 1969
- Northern Michigan University, Marquette, MI April 22, 1969
- 368. Alfred University, Alfred, NY May 19, 1969
- 369. Lawrence University, Appleton, WI May 19, 1969
- Northwestern State University, Natchitoches, LA May 19, 1969
- 371. Weber State College, Ogden, UT May 19, 1969
- 372. Drury College, Springfield, MO May 23, 1969
- 373. Knox College, Galesburg, IL May 23, 1969
- California State Polytechnic University-Pomona, Pomona, CA – May 27, 1969
- California State University-Sacramento, Sacramento, CA – May 29, 1969
- 376. Southern University and A&M College, Baton Rouge, LA – May 29, 1969
- 377. Central Missouri State University, Warrensburg, MO - June 3, 1969
- Massachusetts-Boston, University of, Boston, MA June 12, 1969
- New Haven, University of, West Haven, CT June 12, 1969
- 380. Birmingham-Southern College, Birmingham, AL June 16, 1969
- Wisconsin-Eau Claire, University of, Eau Claire, WI – June 16, 1969
- 382. Alabama-Birmingham, University of, Birmingham, AL July 3, 1969
- George Mason University, Fairfax, VA July 11, 1969
- California-Irvine, University of, Irvine, CA August 5, 1969
- Benedictine College, Atchison, KS September 25, 1969
- Hampden-Sydney College, Hampden-Sydney, VA October 28, 1969
- 387. Bard College, Annandale-On-Hudson, NY November 3, 1969
- West Virginia State College, Institute, WV November 3, 1969
- East Stroudsburg University, East Stroudsburg, PA – November 13, 1969
- Missouri Valley College, Marshall, MO November 19, 1969
- Abilene Christian University, Abilene, TX December 3, 1969
- Mississippi College, Clinton, MS December 3, 1969
- Central State University, Wilberforce, OH December 15, 1969
- 394. Macalester College, St. Paul, MN December 15, 1969
- Southwest Missouri State University, Springfield, MO – December 29, 1969
- Tennessee-Space Institute, University of, Tullahoma, TN – January 9, 1970
- Bemidji State University, Bemidji, MN January 20, 1970
- Northern Iowa, University of, Cedar Falls, IA January 23, 1970
- St. John's University, Collegeville, MN March 4, 1970
- 400. Cameron University, Lawton, OK April 1, 1970

- Montgomery Community College, Takoma Park, MD – April 1, 1970
- 402. Ottawa University, Ottawa, KS April 1, 1970
   403. Arkansas State University, State University, AR April 8, 1970
- 404. Sauk Valley College, Dixon, IL April 8, 1970
- 405. Siena College, Loudonville, NY April 8, 1970
- 406. Park College, Parkville, MO April 14, 1970
- 407. Nebraska, University of, Lincoln, NE April 17, 1970
- Arkansas Polytechnic College, Russellville, AR May 11, 1970
- California State University-Fresno, Fresno, CA May 11, 1970
- 410. Central College, Pella, IA May 12, 1970
- 411. Iowa, University of, Iowa City, IA May 12, 1970
- 412. Grambling State University, Grambling, LA May 21, 1970
- 413. Wisconsin-Stevens Point, University of, Stevens Point, WI – May 21, 1970
- Missouri-Kansas City, University of, Kansas City, MO – May 26, 1970
- 415. Bradley University, Peoria, IL June 23, 1970
- 416. Shippensburg University, Shippensburg, PA June 23, 1970
- 417. Dillard University, New Orleans, LA November 16, 1970
- 418. Austin College, Sherman, TX January 12, 1971
- Edinboro Stae College, Edinboro, PA January 12, 1971
- 420. North Carolina-Charlotte, University of, Charlotte, NC January 12, 1971
- 421. Dordt College, Sioux Center, IA February 1, 1971
- 422. Hope College, Holland, MI February 1, 1971
- Youngstown State University, Youngstown, OH February 1, 1971
- Lawrence Institute of Technology, Southfield, MI February 9, 1971
- 425. Northeastern Oklahoma State University, Tahlequah, OK - February 9, 1971
- 426. Puerto Rico-Mayaguez, University of, Mayaguez, PR – February 9, 1971
- 427. SUNY at Geneseo, Geneseo, NY February 9, 1971
- 428. Heidelberg College, Tiffin, OH March 24, 1971
- 429. York College of the CUNY, Jamaica, NY March 24, 1971
- 430. Dallas Baptist College, Dallas, TX April 30, 1971
- 431. West Florida, University of, Pensacola, FL April 30, 1971
- 432. Southern Arkansas University, Magnolia, AR June 15, 1971
- Vermont, University of, Burlington, VT June 15, 1971
- Southern California, University of, Los Angeles, CA – July 13, 1971
- Texas A&M University-Commerce, Commerce, TX November 11, 1971
- Missouri-St. Louis, University of, St. Louis, MO November 30, 1971
- Lynchburg College, Lynchburg, VA January 3, 1972
- 438. Nebraska-Omaha, University of, Omaha, NE January 3, 1972
- Virginia Commonwealth University, Richmond, VA January 3, 1972
- 440. Augsburg College, Minneapolis, MN February 4, 1972
- 441. Calvin College, Grand Rapids, MI February 4, 1972

- 442. Northwest Nazarene University (Northwest Nazarene College), Nampa, ID – February 4, 1972
- 443. SUNY at Oswego, Oswego, NY March 1, 1972444. Arkansas-Little Rock, University of, Little Rock, AR
- April 21, 1972
- 445. Boston University, Boston, MA April 21, 1972
- 446. Connecticut College, New London, CT April 21, 1972
- 447. Swarthmore College, Swarthmore, PA April 21, 1972
- 448. Henderson State University-Ouachita Baptist University, Arkadelphia, AR – May 8, 1972
- 449. Parsons College, Fairfield, IA June 27, 1972
- Central Florida, University of, Orlando, FL July 7, 1972
- 451. Bethany College, Bethany, WV July 12, 1972
- 452. Hiram College, Hiram, OH July 12, 1972
- 453. Wagner College, Staten Island, NY July 12, 1972
- 454. New Mexico Highlands University, Las Vegas, NV December 15, 1972
- Redlands, University of, Redlands, CA January 29, 1973
- 456. Furman University, Greenville, SC March 5, 1973
- 457. Mansfield University, Mansfield, PA March 5, 1973
- 458. Saginaw Valley State University, University Center, MI – April 4, 1973
- Southeastern Louisiana University, Hammond, LA April 23, 1973
- 460. Towson University, Towson, MD April 23, 1973
- 461. Trenton State College, Trenton, NJ April 23, 1973
- 462. Montana State University, Bozeman, MT May 1, 1973
- 463. Prairie View A&M University, Prairie View, TX May 1, 1973
  464. Southern Colorado, University of, Pueblo, CO May

465. Southern Nazarene University, Bethany, OK - June

466. Coe College, Cedar Rapids, IA - June 4, 1973

467. Midwestern State University, Wichita Falls, TX -

470. Azusa Pacific College, Azusa, CA - August 23,

471. Talladega College, Talladega, AL - November 11,

472. Gordon College, Wenham, MA - December 14,

473. Concordia College, Moorhead, MN - December

474. Minnesota State University (Moorhead State Univer-

sity), Moorhead, MN - December 28, 1973

476. Worcester State College, Worcester, MA - January

477. Wofford College, Spartanburg, SC - January 30,

479. SUNY at Brockport, Brockport, NY - February 19,

480. Lock Haven University, Lock Haven, PA - February

481. Florida A&M University, Tallahassee, FL - March

482. Northern Kentucky University, Highland Heights, KY

35

Massachusetts-Amherst, University of, Amherst,

475. Morehouse College, Atlanta, GA - January 24,

468. Guilford College, Greensboro, NC - June 25, 1973

United States Coast Guard Academy, New London,

17, 1973

4, 1973

1973

1973

1973

1974

1974

1974

28, 1974

11, 1974

478

24, 1974

MA - February 19, 1974

28, 1973

469.

June 4, 1973

CT - June 25, 1973

- March 26, 1974

- Concordia University, Montreal, Canada March 26, 1974
- 484. Rollins College, Winter Park, FL April 18, 1974
- 485. Wisconsin-River Falls, University of, River Falls, WI - April 18, 1974
- David Lipscomb College, Nashville, TN May 10, 1974
- Sul Ross State University, Alpine, TX May 22, 1974
- 488. Lewis University, Lockport, IL June 26, 1974
- Brandeis University, Waltham, MA August 30, 1974
- 490. SUNY at Oneonta, Oneonta, NY November 20, 1974
- Kearney State College, Kearney, NE December 18, 1974
- Texas State University (Southwest Texas State University), San Marcos, TX – December 24, 1974
- 493. Juniata College, Huntingdon, PA December 27, 1974
- 494. Grand Valley State University (Grand Valley State College), Allendale, MI January 22, 1975
- 495. Western Washington University, Bellingham, WA February 11, 1975
- 496. Wesley College, Dover, DE February 19, 1975
- 497. Ottawa, University of, Ottawa, Canada March 20, 1975
- Central Michigan University, Mount Pleasant, MI March 27, 1975
- Puerto Rico-Rio Piedras, University of, Rio Piedras, PR – March 27, 1975
- 500. Georgia Southern College, Statesboro, GA April 23, 1975
- 501. University of North Alabama, Florence, AL April 23,1975
- 502. Westfield State College, Westfield, MA May 23, 1975
- Charleston, College of, Charleston, SC May 29, 1975
- 504. Sonoma State University, Rohnert Park, CA June 26, 1975
- 505. Smith College, Northampton, MA November 21, 1975
- 506. Southwest Texas Junior College, Uvalde, TX December 18, 1975
- 507. Florida International University, Miami, FL January 21, 1976
- Montclair State University, Upper Montclair, NJ January 21, 1976
- 509. Eastern Oregon University, La Grande, OR February 12, 1976
- 510. Jackson State University, Jackson, MS March 25, 1976
- 511. Maryland-Baltimore County, University of Baltimore, MD – May 7, 1976
- 512. South Carolina, University of, Columbia, SC May 26, 1976
- Wisconsin-Parkside, University of, Kenosha, WI July 13, 1976
- Northern Colorado, University of, Greeley, CO November 19, 1976
- 515. North Carolina-Greensboro, University of, Greensboro, NC January 20, 1977
- 516. Queens College of the CUNY, Flushing, NY February 11, 1987
- Mary Washington College, Fredericksburg, VA March 8, 1977
- 518. California State University-Hayward, Hayward, CA – April 4, 1977
- 519. Millersville University, Millersville, PA April 15, 36 1977

- 520. Marquette University, Milwaukee, WI May 2, 1977
- 521. Western Carolina University, Cullowhee, NC May 27, 1977
- Central Connecticut State University, New Britain, CT – July 13, 1977
- North Carolina Asheville, University of, Asheville, NC – July 25, 1977
- 524. Illinois at Chicago, University of, Chicago, IL October 18, 1977
- 525. Catholic University of America, The, Washington, DC – November 28, 1977
- District of Columbia, University of the, Washington, DC – November 28, 1977
- Southern Methodist University, Dallas, TX December 12, 1977
- 528. 28. Geneva College, Beaver Falls, PA March 17, 1978
- Illinois Wesleyan University, Bloomington, IL May 9, 1978
- Mississippi, University of, University, MS October 24, 1978
- Richard Stockton College of New Jersey, Pomona, NJ – December 27, 1978
- Clarion State College, Clarion, PA December 29, 1978
- Nevada-Las Vegas, University of, Las Vegas, NV December 29, 1978
- South Dakota State University, Brookings, SD January 11, 1979
- 535. SUNY at New Paltz, New Paltz, NY January 11, 1979
- 536. New Mexico Institute of Mining & Technology, Socorro, NM – January 18, 1979
- South Alabama, University of, Mobile, AL January 24, 1979
- 538. Elmhurst College, Elmhurst, IL February 13, 1979
- St. Cloud State University, St. Cloud, NM February 26, 1979
- 540. Massachusetts College of Liberal Arts, North Adams, MA – March 28, 1979
- Georgian Court College, Lakewood, NJ May 22, 1979
- Texas-Dallas, University of, Richardson, TX October 17, 1979
- 543. Suffolk University, Boston, MA October 30, 1979
- Hendrix College, Conway, AR December 26, 1979
   California State University-Dominguez Hills, Carson, CA – January 7, 1980
- 546. Benedict College, Columbia, SC January 9, 1980
- 547. California-Berkeley, University of, Berkeley, CA –
- February 26, 1980 548. Wayne State University, Detroit, MI – March 3, 1980
- Michigan, University of, Ann Arbor, MI April 16, 1980
- California-Santa Cruz, University of, Santa Cruz, CA – June 23, 1980
- Mississippi Valley State University, Itta Bena, MS October 27, 1980
- Columbia University, New York, NY November 18, 1980
- 553. Ursinus College, Collegeville, PA January 5, 1981
- 554. Massachusetts-Dartmouth, University of, N. Dartmouth, MA – February 9, 1981
- James Madison University, Harrisonburg, VA April 2, 1981
- 556. Luther College, Decorah, IA April 2, 1981
- 557. Presbyterian College, Clinton, SC April 2, 1981
- 558. Southern Oregon University, Ashland, OR May 5, 1981
- 559. Gustavus Adolphus College, St. Peter, MN July 27, 1981

- Texas-San Antonio, University of, San Antonio, TX August 17, 1981
- 561. Ohio Wesleyan University, Delaware, OH October 20, 1981
- Michigan-Dearborn, University of, Dearborn, MI November 18, 1981
- 563. California State University-Chico, Chico, CA December 15, 1981
- 564. Carleton College, Northfield, MN December 15, 1981
- Alaska-Fairbanks, University of, Fairbanks, AK December 15, 1981
- 566. East Central Oklahoma State University, Ada, OK December 29, 1981
- California Institute of Technology, Pasadena, CA January 12, 1982
- 568. Randolph Macon College, Ashland, VA February 16, 1982
- 569. Toronto, University of, Ontario, Canada May 4, 1982
- 570. California-San Diego, University of, La Jolla, CA May 5, 1982
- 571. Hawaii, University of, Honolulu, HI May 7, 1982
- 572. Pomona College, Claremont, CA July 15, 1982
- Northeast Missouri State University, Kirksville, MO August 4, 1982
- 574. Howard Payne University, Brownwood, TX November 9, 1982
- 575. Belmont University (formerly College), Nashville, TN – June 1, 1983
- 576. Wabash College, Crawfordsville, IN November 8, 1983
- 577. Alabama A&M University, Normal, AL December 8, 1983
- 578. Houston Baptist University, Houston, TX January 1, 1984
- Dallas-Irving, University of, Irving, TX February 22, 1984
- Western Michigan University, Kalamazoo, MI March 8, 1984
- Mount Union College, Alliance, OH March 30, 1984
- Central Piedmont Community College, Charlotte, NC – June 1, 1984
   Haverford College, Haverford, PA – June 22, 1984

584. Northwest Missouri State University, Maryville, MO

585. Middle Tennessee State University, Murfreesboro,

586. Lincoln University, Lincoln, PA - February 5, 1985

587. Tufts University, Medford, MA - February 6, 1985

588. Hampton University, Hampton, VA - March 4, 1985

589. Eastern Michigan University, Ypsilanti, MI - March

590. Boise State University, Boise, ID - April 12, 1985

592. Central Washington University, Ellensburg, WA -

593. Minnesota State University, Mankato (Mankato

594. United States Military Academy, West Point, NY -

595. Millsaps College, Jackson, MS - December 10,

Springs, CO – January 10, 1986

State University), Mankato, MN - October 24, 1985

Colorado-Colorado Springs, University of, Colorado

Portland State University, Portland, OR - February

Lewis & Clark College, Portland, OR - February 4,

599. Wellesley College, Wellesley, MA - February 10,

591. Francis Marion University, Florence, SC – June 14.

- December 12, 1984

12, 1985

1985

1985

3, 1996

1986

596.

597.

598

July 17, 1985

November 7, 1985

TN - December 18, 1984

- Maharishi International University, Fairfield, IA February 18, 1996
- 601. Bryn Mawr College, Bryn Mawr, PA March 12, 1986
- 602. New Hampshire, University of, Durham, NH June 17, 1986
- 603. Princeton University, Princeton, NJ September 29, 1986
- Elizabeth City State University, Elizabeth City, NC November 14, 1986
- 605. St. Norbert College, DePere, WI November 17, 1986
- Allegheny College, Meadville, PA December 8, 1986
- Hartford, University of, West Hartford, CT December 8, 1986
- Wesleyan University, Middletown, CT December 17, 1986
- West Texas A&M University, Canyon, TX December 17, 1986
- Eastern Washington University, Cheney, WA February 10, 1987
- 611. Oregon, University of, Eugene, OR February 10, 1987
- 612. Carroll College, Waukesha, WI February 11, 1987
- 613. Green River Community College, Auburn, WA April 4, 1987
- 614. Cornell University, Ithaca, NY June 8, 1987
- 615. Tarleton State University, Stephenville, TX June 8, 1987
- 616. De La Salle University, Manilla, Philippines August 26, 1987
- 617. Susquehanna University, Selinsgrove, PA November 9, 1987
- 618. St. Vincent College, Latrobe, PA December 1, 1987
- 619. Metropolitan State College-Colorado, University of, Denver, CO – December 2, 1987
- 620. Cornell College, Mount Vernon, IA December 4, 1987
- 621. Erskine College, Due West, SC February 3, 1988
- 622. Samford University, Birmingham, AL February 3, 1988
- Florida Community College at Jacksonville, Jacksonville, FL – June 10, 1988
- 624. Brown University, Providence, RI June 16, 1988
- 625. Gonzaga University, Spokane, WA June 16, 1988
  626. Pennsylvania State University at Erie, The Behrend College, Erie, PA – June 16, 1988
- 627. Transylvania University, Lexington, KY January 30, 1989
- 628. Keene State College, Keene, NH April 5, 1989
- 629. Mesa State College, Grand Junction, CO August 23, 1989
- 630. Hamline University, St. Paul, MN June 10, 1990
- 631. Chicago State University, Chicago, IL July 10,
- 1990
   632. California State University-San Bernardino, San Bernardino, CA – August 30, 1990
- Mt. Holyoke College, South Hadley, MA December 11, 1990
- 634. Northern Virginia Community College, Annandale, VA December 11, 1990
- 635. Longwood College, Farmville, VA December 19, 1990
- 636. Ithaca College, Ithaca, NY December 21, 1990
- 637. Lenoir-Rhyne College, Hickory, NC December 21, 1990
- 638. Owensboro Community & Technical College KY -

February 21, 1991

- 639. Panola College, Carthage, TX February 21, 1991
- 640. Indiana University-Purdue University at Indianapolis, Indianapolis, IN – March 25, 1991
- 641. Harrisburg Area Community College, Harrisburg, PA – March 25, 1991
- 642. Colorado Mountain College, Glenwood Springs, CO – May 9, 1991
- 643. Fort Lewis College, Durango, CO May 9, 1991
- 644. Pikes Peak Community College, Colorado Springs, CO – May 9, 1991
- 645. Southwestern Michigan College, Dowagiac, MI May 9, 1991
- 646. Athens State College, Athens, AL May 16, 1991
- 647. Mt. San Antonio College, Walnut, CA June 6, 1991
- 648. Michigan-Flint, University of, Flint, MI November 14, 1991
- Oglethorpe University, Atlanta, GA November 14, 1991
- 650. Kutztown University, Kutztown, PA December 1, 1991
- East Tennessee State University, Johnson City, TN December 17, 1991
- Northeastern illinois University, Chicago, IL January 30, 1992
- American University in Cairo, Cairo, Egypt January 1, 1992
- 654. Mainland, College of the, Texas City, TX January 1, 1992
- 655. Gainesville Community College, Gainesville, FL February 19, 1992
- 656. Rowan University, Glassboro, NJ April 13, 1992
- 657. Butler University, Indianapolis, IN March 2, 1992
- 658. Xavier University of Louisiana, New Orleans, LA May 5, 1992
- 659. St. Louis University, St. Louis, MO August 4, 1992
- Clark Atlanta University, Atlanta, GA September 16, 1992
- 661. Hobart & William Smith Colleges, Geneva, NY November 3, 1992
- 662. Centre College, Danville, KY November 3, 1992
- 663. North Park University, Chicago, IL November 1, 1992
- 664. Elon College, Graham, NC April 26, 1993
- 665. Whittier College, Whittier, CA May 24, 1993
- Tyler Junior College, Tyler, TX September 23, 1993
- 667. Berry College, Mt. Berry, GA November 2, 1993
- 668. Northeast Texas Community College, Mt. Pleasant, TX – December 7, 1993
- 669. Bethel University (Bethel College), St. Paul, MN January 4, 1994
- 670. Southwest Minnesota State University, Marshall, MN – February 10, 1994
- California-Riverside, University of, Riverside, CA March 8, 1994
- Sciences in Philadelphia, University of the, Philadelphia, PA – October 19, 1994
- McDaniel College, Westminster, MD November 16, 1994
- 674. Temple College, Temple, TX February 12, 1995
- 675. Oberlin College, Oberlin, OH June 15, 1995
- 676. Southern Polytechnic State University, Marietta, GA - July 10, 1995
- California Lutheran College, Thousand Oaks, CA October 12, 1995
- Ramapo College of New Jersey, Mahwah, NJ October 12, 1995
- 679. Carthage College, Kenosha, WI October 20, 1995

- Hartnell Community College, Salinas, CA December 5, 1995
- 681. Salisbury State University, Salisbury, MD February 1996
- 682. Millikin University, Decatur, IL February 27, 1996
- 683. Chicago, University of, Chicago, IL March 6, 1996
- 684. Hillsdale College, Hillsdale, MI March 21, 1996
- 685. St. Mary's College of California, Moraga, CA July 1, 1996
- 686. Niagara County Community College, Sanborn, NY November 12, 1996
- 687. Eckerd College, FL February 13, 1997
- 688. Pacific University, OR March 3, 1997
- 689. Ohio Northern University, Ada, OH March 18, 1997
- 690. Southwestern College, Winfield, KS April 4, 1997
- 691. Wisconsin-Milwaukee, University of, Milwaukee, WI May 2, 1997
- Indiana University-South Bend, South Bend, IN May 16, 1997
- 693. Purdue University Calumet, Hammond, IN May 20, 1997
- 694. South Carolina State University, Orangeburg, SC June 12, 1997
- 695. Lawrence University, Appleton, WI October 1, 1996
- 696. SUNY at Buffalo, Buffalo, NY May 1, 1997
- $697. \$  Southern Connecticut State University, New Haven, CT July 1, 1997
- 698. St. Joseph College, West Hartford, CT July 1, 1997
  699. Western Connecticut State University, Danbury, CT

700. Yale University, New Haven, CT – July 1, 1997

702. Eastern Nazarene College, Quincy, MA - July 1,

703. Emmanuel College, Boston, MA - July 1, 1997

704. Fitchburg State College, Fitchburg, MA - July 1,

706. Simmons College, Boston, MA - July 1, 1997

Merrimack College, North Andover, MA – July 1,

Westfield State College, Westfield, MA - July 1,

Wheaton College, Norton, MA - July 1, 1997

710. Dartmouth College, Hanover, NH - July 1, 1997

711. Goddard College, Plainfield, VT - July 1, 1997

712. Marlboro College, Marlboro, VT - July 1, 1997

715. Rider College, Lawrence, NJ - July 1, 1997

716. Albright College, Reading, PA - July 1, 1997

717. King's College, Wilkes-Barre, PA - July 1, 1997

718. Catawba College, Salisbury, NC - July 1, 1997

721. Illinois College, Jacksonville, IL - July 1, 1997

719. Pfeiffer College, Misenheimer, NC – July 1, 1997

720. Converse College, Spartanburg, SC – July 1, 1997

722. MacMurray College, Jacksonville, IL – July 1, 1997

723. Monmouth College, Monmouth, IL - July 1, 1997

725. Jefferson Community College, Louisville, KY - July

726. Kentucky Wesleyan College, Barbourville, KY - July

37

724. Georgetown College, Georgetown, KY - July 1,

713. Norwich University. Northfield, VT – July 1, 1997

714. Bloomfield College, Bloomfield, NJ - July 1, 1997

Worcester State College, Worcester, MA – July 1,

701. Atlantic Union College, South Lancaster, MA - July

July 1, 1997

1, 1997

1997

1997

1997

1997

1997

1997

1,1997

1, 1997

705

707

708.

709

- 727. Union College, Barbourville, KY July 1, 1997
- 728. Fisk University, Nashville, TN July 1, 1997
- 729. Adams State College, Alamosa, CO July 1, 1997
- Colorado College, The, Colorado Springs, CO July 1, 1997
- 731. Regis College, Denver, CO July 1, 1997
- 732. Western State College of Colorado, Gunnison, CO - July 1, 1997
- 733. Spelman College, Atlanta, GA February 26, 1998
- Kettering University, Flint, MI March 13, 1998
   Louisiana State University-Shreveport. Shreveport.
- LA March 19, 1998
- 736. Cumberlands, University of the, (Cumberland College), Williamsburg, KY March 31, 1998
- 737. Wisconsin-La Crosse, University of, WI May 1, 1998
- 738. Illinois, University of, Urbana-Champaign, IL January 20, 1999
- 739. St. Mary's College of Maryland, St. Mary's City, MD – January 28, 1999
- 740. Kenyon College, Gambier, OH, February 10, 1999
- 741. Randolph-Macon Woman's College, Lynchburg, VA – March 3, 1999
- 742. Reed College, Portland, OR March 19, 1999
- 743. San Diego, University of, San Diego, CA May 4, 1999
- 744. Indiana University-Purdue University, Fort Wayne, IN – January 13, 1999
- 745. Highland Community College, Freeport, IL February 1, 1999
- 746. Tarrant County College, Hurst, TX February 1, 1999
- Skidmore College, Saratoga Springs, NY May 3, 1999
- 748. Montana, University of, Missoula, MT May 27, 1999
- 749. Notre Dame, University of, Notre Dame, IN May 1, 1999
- Embry-Riddle Aeronautical University, FL November 5, 1999
- 751. Wells College, Aurora, NY December 1, 1999
- 752. Ricks College, Rexburg, ID December 1, 1999
- 753. Salem Community College, Carney's Point, NJ December 3, 1999
- 754. Sweet Briar College, Sweet Briar, VA June 1, 2000
- 755. St. Thomas, University of, St. Paul, MN Oct. 17, 2000
- Claremont Colleges, Joint Science Dept. of the, CA – Dec. 28, 2000
- 757. Wallace Community College, AL March 1, 2001
- 758. Syracuse University, Syracuse, NY September 21, 2001
- 759. College of Technology, VA June 15, 2002
- 760. Mary Baldwin College, Staunton, VA Sept. 13, 2002
- 761. Otterbein College, Westerville, OH Dec. 30, 2002
- 762. Marietta College, Marietta, OH Jan. 10, 2003
- Southwestern University, Georgetown, TX February 3, 2003
- Kettering University, Flint, MI (B-Section) March 28, 2003
- 765. Cypress College, Cypress, CA Sept. 4, 2003
- 766. Utah Valley State College, Orem, UT September 19, 2003
- 767. Wartburg College, Waverly, IA Oct. 29, 2003
- Milwaukee Area Technical College, Milwaukee, WI November 4, 2003
- 769. Embry-Riddle Aeronautical University, Prescott, AZ – January 14, 2004

- 770. Radford University, Radford, VA March 1, 2004
- 771. Tuskegee University, Tuskegee, AL March 15, 2004
- 772. McNeese State University, Lake Charles, LA September 15, 2004
- Westminster College, Salt Lake City, UT September 15, 2004
- Texas Lutheran University, Seguin, TX October 8, 2004
- 775. Georgia College & State University, Milledgeville, GA – Oct. 15, 2004
- 776. Union University, Jackson, TN November 1, 2004
- Nova Southeastern University, Ft. Lauderdale, FL Nov. 15, 2004
- 778. Doane College, Crete, NE Feb. 2, 2005
- California University of Pennsylvania, California, PA – Feb. 23, 2005
- Highline Community College, Des Moines, WA May 17, 2005
- Minnesota-Duluth, University of, Duluth, MN Sept. 28, 2005
- Delta College, University Center, MI February 2, 2006
- 783. Earlham College, Richmond, IN May 3, 2006
- Coffeyville Community College, Coffeyville, KS February 1, 2007
- 785. University of Calgary, Calgary, Alberta, Canada April 1, 2007
- Bellevue Community College, Bellevue, WA May 1, 2007
- 787. Universidad de las Americas-Puebla, Puebla, Mexico – July 1, 2007
- Washington & Lee University, Lexington, VA October 10, 2007
- Americas Puebla, Univ. de las, San Andres Cholula, Puebla, Mexico – January 17, 2008
- 790. Agnes Scott College, Decatur, GA February 6, 2008
- North Florida, University of, Jacksonville, FL May 7, 2008
- 792. Vassar College, Poughkeepsie, NY May 16, 2008
- 793. Calgary, University of, Calgary, AB September 19, 2008
- 794. University of Texas at Tyler, Tyler TX October 1, 2008
- University of Southern Maine, Portland ME October 21, 2008
- 796. Goucher College, Baltimore MD October 22, 2008
- East Los Angeles College, Monterey Park, CA November 4, 2008
- 798. California State University at San Marcos, CA February 5, 2009
- 799. Point Loma Nazarene University, San Diego, CA March 7, 2009
- 800. Roberts Wesleyan College, Rochester, NY April 20, 2009
- 801. Simpson College, Indianola, IA May 18, 2009
- The University of Texas at Brownsville and Texas Southmost College, Brownsville, TX – February 4, 2010
- 803. The City College of New York, New York, NY June 2, 2010
- 804. California State University Staninslaus, Turlock, CA – June 2, 2010
- 805. High Point University, High Point, NC June 10, 2010
- Minnesota State Univ-Moorhead, Moorhead, MN June 23, 2010
- 807. The Evergreen St. College, Olympia, WA Novem-

ber 8, 2010

- 808. Linn-Benton Community College, Albany, OR 2010
- 809. San Antonio College, San Antonio, TX 2010
- Southeast University, College Park, MD February 28, 2011
- Indiana Wesleyan University, Marion, IN November 3, 2011
- 812. University of Puerto Rico at Humacao, Humacao, PR-2012
- The Sun Yat-Sen University, Guangzhao, China November 2, 2012
- Messiah College, Mechanicsburg, PA April 15, 2013
- 815. Christopher Newport University Newport News, VA – April 11, 2013
- 816. Austin Community College, Austin, TX November 2013
- 817. St. Michael's College, Colchester, VT April 24, 2014
- University of Alaska at Anchorage, Anchorage, AK April 4, 2014
- 819. American River College, Sacramento, CA April 4, 2014
- 820. Mercyhurst University, Erie PA March 13, 2016
- 821. Vel Tech University, Avid, India March 25, 2016
- 822. Univ. of Washington, Bothell Bothell, WA June 20, 2016
- 823. Univ of Tennessee Martin, Martin, TN June 20, 2016
- Portland Community College, Portland OR August 8, 2016

Alexandria Univ, Alexandria, Egypt – August 31,

Florida Polytechnic University Lakeland, FL-- Sep-

Victor Valley College, Victorville, CA – October 6,

830. Missouri Southern State University, Joplin, MO -

831. Peninsula College, Port Angeles, WA - January 24,

832. Coastal Carolina University, Conway, SC - Septem-

833. The University of Tampa, Tampa, FL-- November

834. Saint Anselm College, Manchester, NH - January

835. Del Mar College, Corpus Christi, TX – October 17,

837. CUYN/ LaGuardia Community College, Long Island

838. Universidad Autonoma de Ciudad Juarez. Ciudad

839. University of La Verne, La Verne, CA - October 9,

840. Institute of Enger & Management, West Bengal,

841. CUNY of Staten Island, Staten Island, NY -- 2018

843. Saint Catherine University, Saint Paul, MN - Febru-

ShanghaiTech University, Shanghai, China - Octo-

842. Howard Community College, Columbia, MD -

844. Troy University, Troy, AL - June 24, 2020

Juarez, Mexico - August 21, 2018

836. Santa Rosa Junior College, Santa Rosa, CA -

825. Lee College, Baytown, TX – January 19, 2016826. Chabot College, Hayward, CA – October 20, 2015

827

828.

829.

2016

2016

2017

ber 2, 2017

6,2017

19,2018

March 12, 2018

City, NY - June 11, 2018

India – October 20, 2018

August 6, 2019

ary 17, 2020

ber 6, 2020

845.

2018

2018

tember 13, 2016

October 6, 2016

# Listing of Sigma Pi Sigma Chapters with Installation Dates

- 1. Davidson College, Davidson, NC -- December 11, 1921
- 2. Duke University, Durham, NC -- May 14, 1925
- Pennsylvania State University, University Park, PA -- May 17, 1926
- 4. Centenary College of Louisiana, Shreveport, LA -- April 20, 1927
- 5. Furman University, Greenville, SC -- May 16, 1927
- 6. William & Mary, College of, Williamsburg, VA --June 2, 1927
- 7. Tennessee-Chattanooga, University of, Chattanooga, TN -- May 17, 1929
- 8. West Virginia University, Morgantown, WV -- June 3, 1929
- 9. St. Lawrence University, Canton, NY -- June 7, 1929
- 10. Ohio Wesleyan University, Delaware, OH -- June 5, 1929
- 11. Kentucky, University of, Lexington, KY -- May 15, 1930
- 12. Oklahoma, University of, Norman, OK -- May 17, 1930
- 13. Park College, Parkville, MO -- May 19, 1930
- 14. William Jewell College, Liberty, MO -- May 20, 1930
- 15. Morningside College, Sioux City, IA -- May 21, 1930
- 16. Colorado, University of, Boulder, CO -- May 22, 1930
- 17. Washington, University of, Seattle, WA -- May 26, 1930
- Lake Forest College, Lake Forest, IL -- May 31, 1930
- 19. Wooster, College of Wooster, OH -- June 2, 1930
- 20. Wheaton College, Wheaton, IL -- June 3, 1931
- 21. Richmond, University of, Richmond, VA -- March 16, 1932
- 22. Purdue University, West Lafayette, IN -- April 12, 1932
- 23. Miami University, Oxford, OH -- June 4, 1932
- 24. Illinois-Chicago, University of, Chicago, IL -- June 6, 1932
- 25. Philippines, University of the, Quezon City, PI -- July 6, 1932
- 26. Syracuse University, Syracuse, NY -- May 29, 1933
- 27. Oregon State University, Corvallis, OR -- May 19, 1934
- 28. Denver, University of, Denver, CO -- May 28, 1934
- 29. Michigan State University, East Lansing, MI --March 2, 1935
- Brigham Young University, Provo, UT -- May 2, 1936
- 31. George Washington University, Washington, DC -- May 22, 1936
- Ohio State University, Columbus, OH -- May 28, 1936
- 33. Stetson University, DeLand, FL -- May 10, 1937
- 34. Berea College, Berea, KY -- May 17, 1937
- New York University, New York, NY -- June 15, 1937
   Pittsburgh, University of, Pittsburgh, PA -- April 8, 1938
- Franklin & Marshall College, Lancaster, PA -- May 28, 1938

- 38. Fort Hays State University, Hays, KS -- April 4, 1939
- 39. Wayne State University, Detroit, MI -- May 22, 1939
- 40. San Diego State University, San Diego, CA -- May 23, 1940
- 41. Muskingum College, New Concord, OH -- May 31, 1940
- 42. Citadel, The, Charleston, SC -- January 10, 1941
- 43. Georgia, University of, Athens, GA -- May 19, 1941
- 44. Texas-Austin, University of, Austin, TX -- May 10, 1946
- Nebraska Wesleyan University, Lincoln, NE -- May 8, 1947
- Marquette University, Milwaukee, WI -- May 9, 1947
- 47. Tufts University, Medford, MA -- May 20, 1947
- Redlands, University of, Redlands, CA -- May 30, 1947
- South Dakota State University, Brookings, SD --June 17, 1947
- South Dakota, The University of, Vermillion, SD --June 17, 1947
- 51. Bucknell University, Lewisburg, PA -- February 14, 1948
- 52. Maryland-College Park, University of, College Park, MD -- March 17, 1948
- Manchester College, North Manchester, IN -- April 28, 1948
- 54. Colby College, Waterville, ME -- May 5, 1948
- 55. Oregon, University of, Eugene, OR -- May 10, 1948
- Occidental College, Los Angeles, CA -- May 12, 1948
- 57. Arkansas, University of, Fayetteville, AR -- May 13, 1948
- Oklahoma State University, Stillwater, OK -- May 14, 1948
- 59. Emory University, Atlanta, GA -- May 17, 1948
- 60. Utah, University of, Salt Lake City, UT -- June 8, 1948
- 61. Howard University, Washington, DC --March 7, 1949
- 62. Clemson University, Clemson, SC -- March 25, 1949
- Georgia Institute of Technology, Atlanta, GA --March 28, 1949
- 64. Gettysburg College, Gettysburg, PA -- May 2, 1949
- Illinois Institute of Technology, Chicago, IL -- May 7, 1949
- Southern Illinois University, Carbondale, IL -- May 9, 1949
- 67. Evansville, University of, Evansville, IN -- May 10, 1949
- Alabama, University of, University, AL -- May 18, 1949
- 69. Maine, University of, Orono, ME -- May 25, 1949
- 70. Trinity College, Hartford, CT -- May 26, 1949
- 71. Delaware, University of, Newark, DE -- June 1, 1949
- 72. Virginia Tech, Blacksburg, VA -- June 4, 1949
- 73. Wyoming, University of, Laramie, WY -- June 10, 1949
- 74. Missouri-Rolla, University of, Rolla, MO -- January 11, 1950

- 75. Auburn University, Auburn, AL -- April 5, 1950
- Tulane University, New Orleans, LA -- April 12, 1950
- 77. St. Olaf College, Northfield, MN -- May 9, 1950
- Kansas, University of, Lawrence, KS -- May 15, 1950
- 79. Arizona, University of, Tucson, AZ -- May 17, 1950
- Louisiana State University, Baton Rouge, LA -- May 19, 1950
- Connecticut, University of, Storrs, CT -- May 25, 1950
- 82. New Hampshire, University of, Durham, NH -- May 26, 1950
- 83. Hofstra University, Hempstead, NY -- March 17, 1951
- Virginia State University, Petersburg, VA -- April 19, 1951
- St. Joseph's University, Philadelphia, PA -- April 30, 1951
- 86. Manhattan College, Bronx, NY -- April 30, 1951
- South Dakota School of Mines & Technology, Rapid City, SC -- June 1, 1951
- Louisville, University of, Louisville, KY -- March 28, 1952
- North Carolina State University, Raleigh, NC --March 26, 1953
- 90. Boston College, Chestnut Hill, MA -- May 11, 1953
- 91. California-Los Angeles, University of, Los Angeles,
- CA -- May 29, 1953 92. Tennessee, University of, Knoxville, TN -- April 1,

1954

- Florida State University, Tallahassee, FL -- May 14, 1954
- 94. Upsala College, East Orange, NJ -- May 28, 1954
- 95. Temple University, Philadelphia, PA -- June 10, 1954
- 96. Loyola University of New Orleans, New Orleans, LA -- December 11, 1954
- 97. Texas Tech University, Lubbock, TX -- December 13, 1954
- 98. Hawaii, University of, Honolulu, HI -- December 18, 1954
- Wabash College, Crawfordsville, IN -- May 21, 1955

-- May 23, 1956

22.1957

1958

May 24, 1958

April 3, 1959

26, 1958

1959

 South Carolina, University of, Columbia, SC -- April 25, 1956
 Houston-University Park, University of, Houston, TX

102. Florida, University of, Gainesville, FL -- February

104. Nevada-Reno, University of, Reno, NV -- May 7,

105. Ohio University, Athens, OH -- May 20, 1958

106. Utica College of Syracuse University, Utica, NY --

107. South, The University of the, Sewanee, TN -- May

108. Polytechnic Institute of New York, Brooklyn, NY --

109. Western Illinois University, Macomb, IL -- April 7,

39

103. Wichita State University, Wichita, KS -- May 5, 1958

- Texas A&M University, College Station, TX -- April 13, 1959
- 111. Baylor University, Waco, TX -- April 15, 1959
- 112. Linfield College, McMinnville, OR -- April 17, 1959
- 113. Utah State University, Logan, UT -- April 20, 1959
- 114. Westminster College, New Wilmington, PA -- April 28, 1959
- 115. New Mexico State University, Las Cruces, NM --April 12, 1960
- 116. Idaho, University of, Moscow, ID -- April 20, 1960
- 117. Washburn University of Topeka, Topeka, KS -- May 6, 1960
- 118. Southwestern Louisiana, University of, Lafayette, LA -- May 9, 1960
- 119. St. Bonaventure University, St. Bonaventure, NY -- May 16, 1960
- 120. Albany, University at, Albany, NY -- May 19, 1960
- 121. Western Kentucky University, Bowling Green, KY -- May 25, 1960
- 122. New York University, Bronx, NY -- May 27, 1960
- 123. Clark University, Worchester, MA -- April 27, 1962
- 124. Adelphi University, Garden City, NY -- April 30, 1962
- 125. McMurry University, Abilene, TX -- May 3, 1962
- 126. Texas-El Paso, University of, El Paso, TX -- May 7, 1962
- 127. Colorado State University, Fort Collins, CO -- May 9, 1962
- 128. Providence College, Providence, RI -- May 15, 1962
- 129. Indiana University, Bloomington, IN -- December 16, 1962
- 130. Rensselaer Polytechnic Institute, Troy, NY -- March 9, 1963
- 131. California State University-Los Angeles,
- Los Angeles, CA -- April 27, 1963
- 132. Texas Christian University, Fort Worth, TX -- April 29, 1963
- 133. Benedictine University, Lisle, IL -- May 13, 1963
- 134. Xavier University, Cincinnati, OH -- May 18, 1963
- 135. Tulsa, University of, Tulsa, OK -- May 18, 1963
- 136. Oklahoma City University, Oklahoma City, OK -- May 20, 1963
- 137. Murray State University, Murray, KY -- May 23, 1963
- 138. Rhodes College, Memphis, TN -- May 27, 1963
- 139. Detroit, University of, Detroit, MI -- June 6, 1963
- 140. Albion College, Albion, MI -- April 10, 1964
- 141. St. Mary's University of Minnesota, Winona, MN -- May 4, 1964
- Nebraska-Lincoln, University of, Lincoln, NE -- May 28, 1964
- 143. Rutgers University, Newark College of Arts & Sciences, Newark, NJ -- December 18, 1964
- Sam Houston State University, Huntsville, TX -- April 20, 1965
- 145. North Texas, University of, Denton, TX -- April 21, 1965
- 146. Lamar University, Beaumont, TX -- April 22, 1965
- 147. Drexel University, Philadelphia, PA -- June 4, 1965
- 148. Duquesne University, Pittsburgh, PA -- June 10, 1965
- 149. Stephen F. Austin State University, Nacogdoches, TX -- February 21, 1966
- 150. Trinity University, San Antonio, TX -- February 23, 1966
- 151. Texas-Arlington, University of, Arlington, TX --February 28, 1966

152. South Florida, University of, Tampa, FL -- March 3, 1966

- 153. Virginia, University of, Charlottesville, VA -- March 8, 1966
- 154. Trinity College, Washington, DC -- March 19, 1966
- 155. California-Santa Barbara, University of, Santa Barbara, CA -- April 16, 1966
- 156. Virginia Military Institute, Lexington, VA -- April 19, 1966
- 157. Roanoke College, Salem, VA -- April 21, 1966
- 158. Rose-Hulman Institute of Technology, Terre Haute, IN -- May 10, 1966
- 159. DePauw University, Greencastle, IN -- May 11, 1966
- United States Naval Academy, Annapolis, MD --June 2, 1966
- 161. Emporia State University, Emporia, KS -- November 14, 1966
- 162. California State University-Northridge, Northridge, CA -- December 2, 1966
- Monmouth College, West Long Branch, NJ -- January 8, 1967
- 164. Louisiana Tech University, Ruston, LA -- February 15, 1967
- 165. Morehead State University, Morehead, KY -- March 20, 1967
- 166. Loma Linda University, Riverside, CA -- April 4, 1967
- 167. Pan American University, Edinburg, TX -- May 10, 1967
- 168. Memphis, University of, Memphis, TN -- May 12, 1967
- 169. Salem College, Salem, WV -- March 8, 1968
- 170. Dayton, University of, Dayton, OH -- March 11, 1968
- 171. Denison University, Granville, OH -- April 29, 1968
- 172. Wisconsin-Superior, University of, Superior, WI --May 8, 1968
- 173. Pacific Union College, Angwin, CA -- May 15, 1968
- 174. Carson-Newman College, Jefferson City, TN -- May 20, 1968
- 175. Widener University, Chester, PA -- May 22, 1968
- 176. Johns Hopkins University, Baltimore, MD -- May 24, 1968
- 177. Dickinson College, Carlisle, PA -- June 2, 1968
- 178. Moravian College, Bethlehem, PA -- October 16, 1968
- 179. Northern Arizona University, Flagstaff, AZ -- November 7, 1968
- 180. Ball State University, Muncie, IN -- November 8, 1968
- 181. Cooper Union, The, New York, NY -- November 21, 1968
- 182. Massachusetts-Lowell, University of, Lowell, MA -- November 23, 1968
- Louisiana at Monroe, University of, Monroe, LA (formerly Northeast Louisiana University) -- December 3, 1968
- 184. Yeshiva University, New York, NY -- January 2, 1969
- 185. Ripon College, Ripon, WI -- January 28, 1969
- 186. Scranton, University of, Scranton, PA -- February 15, 1969
- Florida Southern College, Lakeland, FL -- March 6, 1969
- 188. Appalachian State University, Boone, NC -- March 19, 1969
- Rochester Institute of Technology, Rochester, NY
   -- March 28, 1969
- 190. Hanover College, Hanover, IN -- April 1, 1969
- 191. Clarkson University, Potsdam, NY -- April 8, 1969

- 192. Southeast Missouri State University, Cape Girardeau, MO -- April 10, 1969
- Florida Institute of Technology, Melbourne, FL --April 12, 1969
- 194. Seton Hall University, South Orange, NJ -- April 15, 1969
- 195. Rutgers University, Camden College of Arts & Sciences, Camden, NJ -- April 15, 1969
- 196. North Carolina-Wilmington, University of, Wilmington, NC -- April 18, 1969
- Wisconsin-Oshkosh, University of, Oshkosh, WI --April 23, 1969
- 198. Wisconsin-Whitewater, University of, Whitewater, WI -- April 24, 1969
- 199. Pittsburg State University, Pittsburg, KS -- May 6, 1969
- 200. Toledo, The University of, Toledo, OH -- May 7, 1969
- 201. Santa Clara University (Santa Clara, University of), Santa Clara, CA -- May 7, 1969
- 202. Akron, University of, Akron, OH -- May 8, 1969
- 203. Rhode Island, University of, Kingston, RI -- May 9, 1969
- 204. SUNY at Stony Brook, NY -- May 12, 1969
- 205. Augustana College, Rock Island, IL -- May 12, 1969 206. California State University-Long Beach, Long Beach,
- CA -- May 12, 1969
- 207. New Orleans, University of, New Orleans, LA -- May 13, 1969
- Austin Peay State University, Clarksville, TN -- May 14, 1969
   Cleveland State University, Cleveland, OH -- May

210. Southwestern Oklahoma State University, Weather-

211. Bowling Green State University, Bowling Green, OH

212. Miami, University of, Coral Gables, FL -- May 20,

213. Wisconsin-Platteville, University of, Platteville, WI

215. California Polytechnic State University-San Luis

216. Georgia State University, Atlanta, GA -- May 27,

214. St. Peter's College, Jersey City, NJ -- May 25, 1969

Obispo, San Luis Obispo, CA -- May 26, 1969

217. Idaho State University, Pocatello, ID -- May 27, 1969

218. Cincinnati, University of, Cincinnati, OH -- May 28,

219. Wright State University, Dayton, OH -- May 29,

220. California State Polytechnic University-Pomona,

221. Morgan State University, Baltimore, MD -- October

223. Alabama-Huntsville, University of, Huntsville, AL --

224. Iona College, New Rochelle, NY -- January 1, 1970

225. Holy Cross, College of the, Worcester, MA -- Febru-

226. Worcester Polytechnic Institute, Worcester, MA --

228. Bloomsburg University, Bloomsburg, PA -- March

227. Mississippi State University, Mississippi, MS --

Pomona, CA -- May 29, 1969

222. Birmingham-Southern College,

November 4, 1969

February 20, 1970

March 12, 1970

17, 1970

ary 19, 1970

Birmingham, AL -- November 3, 1969

15.1969

1969

1969

1969

1969

11, 1969

ford, OK -- May 16, 1969

-- May 17, 1969

-- May 22, 1969

- 229. Pratt Institute, Brooklyn, NY -- March 17, 1970
- 230. California State University-Sacramento, Sacramento, CA -- April 8, 1970
- 231. George Mason University, Fairfax, VA -- April 10, 1970
- 232. Rice University, Houston, TX -- April 15, 1970
- 233. Central Missouri State University, Warrensburg, MO -- April 16, 1970
- 234. Northwestern University, Evanston, IL -- April 17, 1970
- 235. Thomas More College, Fort Mitchell, KY -- April 30, 1970
- 236. Tennessee-Space Institute, University of, Tullahoma, TN -- May 5, 1970
- 237. Indiana State University, Terre haute, IN -- May 5, 1970
- 238. Fordham University, Bronx, NY -- May 5, 1970
- 239. Central Oklahoma, University of, Edmond, OK --May 6, 1970
- 240. Grove City College, Grove City, PA -- May 9, 1970
- 241. Elizabethtown College, Elizabethtown, PA -- May 9. 1970
- 242. SUNY at Fredonia. Fredonia. NY -- May 12, 1970
- 243. Boston State College, Boston, MA -- May 13, 1970
- 244. Eastern Illinois University, Charleston, IL -- May 19, 1970
- 245. California-Irvine, University of, Irvine, CA -- May 21, 1970
- 246. Mississippi College, Clinton, MS -- May 28, 1970
- 247. East Stroudsburg University, East Stroudsburg, PA -- October 20, 1970
- 248. Jacksonville University, Jacksonville, FL -- November 10, 1970
- 249. Hunter College of the CUNY, New York, NY -- December 2, 1970
- 250. Missouri-Kansas City, University of, Kansas City, MO -- January 8, 1971
- 251. New York Institute of Technology, Old Westbury, NY -- January 11, 1971
- 252. Seattle University, Seattle, WA -- February 24, 1971
- 253. Bradley University, Peoria, IL -- March 13, 1971
- 254. Arkansas State University, State University, AR --March 14, 1971
- 255. Benedictine College, Atchison, KS -- March 25, 1971
- 256. Buffalo State College, Buffalo, NY -- March 26, 1971
- 257. Northwestern State University of Louisiana, Natchitoches, LA -- April 23, 1971
- 258. Old Dominion University, Norfolk, VA -- April 30, 1971
- 259. West Virginia Institute of Technology, Montgomery, WV -- April 30, 1971
- 260. Ottawa University, Ottawa, KS -- May 4, 1971
- 261. Wake Forest University, Winston-Salem, NC -- May 5, 1971
- 262. Loyola College, Baltimore, MD -- May 7, 1971
- 263. Grambling State University, Grambling, LA -- May 7, 1971
- 264. American University, The, Washington, DC -- May 14, 1971
- 265. Southern Mississippi, University of, Hattiesburg, MS -- May 15, 1971
- 266. Eastern new Mexico University, Portales, NM -- May 22, 1971
- 267. Jamestown College, Jamestown, ND -- May 24, 1971
- 268. Bemidji State University, Bemidji, MN -- May 31,

- 269. Bridgeport, University of, Bridgeport, CT -- June 3, 1971
- 270. Edinboro University, Edinboro, PA -- October 16, 1971
- 271. Thiel College, Greenville, PA -- October 19, 1971
- 272. Muhlenberg College, Allentown, PA -- February 25, 1972
- 273. Dordt College, Sioux Center, IA -- March 8, 1972
- 274. Southwest Missouri State University, Springfield, MO -- April 6, 1972
- 275. Texas A&M University-Commerce, Commerce, TX -- April 21, 1972
- 276. Gannon University, Erie, PA -- April 22, 1972
- 277. SUNY at Geneseo, Geneseo, NY -- April 26, 1972
- 278. Austin College, Sherman, TX -- April 28, 1972
- 279. Indiana University of Pennsylvania, Indiana, PA --May 4, 1972
- 280. Lynchburg College, Lynchburg, VA -- May 4, 1972
- 281. Southern Arkansas University, Magnolia, AR -- May 4, 1972
- 282. East Carolina University, Greenville, NC -- May 10, 1972
- 283. Kent State University, Kent, OH -- May 10, 1972
- 284. Southern University and A&M College, Baton Rouge, LA -- May 10, 1972
- 285. Youngstown State University, Youngstown, OH --May 10, 1972
- 286. Lawrence Technological University, Southfield, MI -- May 11, 1972
- 287. Nebraska-Omaha, University of, Omaha, NE -- May 17, 1972
- 288. Puget Sound, University of, Tacoma, WA -- May 19, 1972
- 289. Southern California, University of, Los Angeles, CA -- May 19, 1972
- 290. Kansas Wesleyan University, Salina, KS -- September 14, 1972
- 291. De Paul University, Chicago, IL -- November 10, 1972
- 292. Wagner College, Staten Island, NY -- January 11, 1973
- 293. Shippensburg University, Shippensburg, PA --February 10, 1973
- 294. Abilene Christian University, Abilene, TX -- March 1, 1973
- 295. Texas A&M University-Kingsville, Kingsville, TX --March 22, 1973
- 296. Frostburg State University, Frostburg, MD -- March 31, 1973
- 297. Henderson State University-Oachita Baptist University, Arkadelphia, AR -- April 12, 1973
- 298. Lycoming College, Williamsport, PA -- April 16, 1973
- 299. North Dakota State University, Fargo, ND -- April 30, 1973
- 300. SUNY at Oswego, Oswego, NY -- May 10, 1973
- 301. Northern Illinois University Dekalb, IL -- May 11, 1973
- 302. West Florida, University of, Pensacola, FL -- May 25, 1973
- 303. St. John's University, Jamaica, NY -- December 5, 1973
- 304. Saginaw Valley State University, University Center, MI -- December 14, 1973
- 305. Concordia College, Moorhead, MN -- December 28, 1973
- 306. Moorhead State University,

Moorhead, MN -- December 28, 1973

- 307. Trenton State College, Trenton, NJ -- March 28, 1974
- 308. Prairie View A&M University, Prairie View, TX -- April 3, 1974
- 309. Southern Colorado, University of, Pueblo, CO -- April 5, 1974
- 310. North Carolina-Charlotte, University of, Charlotte, NC -- April 18, 1974
- 311. Cameron University, Lawton, OK -- May 10, 1974
- 312. SUNY at Binghamton, Binghamton, NY -- May 20, 1974
- 313. Siena College, Loudonville, NY -- October 23, 1974
- 314. Montana State University, Bozeman, MT -- November 8, 1974
- 315. New Mexico Highlands University,
- Las Vegas, NM -- November 10, 1974
- 316. Andrews University, Berrien Springs, MI -- December 4, 1974
- 317. Juniata College, Huntington, PA -- March 19, 1975
- 318. Lewis University, Lockport, IL -- March 22, 1975
- 319. Midwestern State University, Wichita Falls, TX --April 4, 1975
- 320. Union College, Schenectady, NY -- April 8, 1975
- 321. John Carroll University, University Heights, OH --April 17, 1975
- Nebraska-Kearney, University of, Kearney, NE --April 22, 1975
- 323. Slippery Rock University, Slippery Rock, PA -- April 22, 1975
- 324. Rollins College, Winter park, FL -- April 28, 1975

327. Wisconsin-River Falls, University of, River Falls, WI

328. SUNY at Oneonta, Oneonta, NY -- May 16, 1975

330. Western Washington University, Bellingham, WA

331. Iowa State University, Ames, IA -- March 13, 1976

332. North Alabama, University of, Florence, AL -- March

University), San Marcos, TX -- March 26, 1976

334. Morehouse College, Atlanta, GA -- March 31, 1976

335. Augsburg College, Minneapolis, MN -- April 12,

336. Central Michigan University, Mount Pleasant, MI

337. Michigan Technological University, Houghton, MI

338. Kansas State University, Manhattan, KS -- May 5,

339. Eastern Oregon University, La Grande, OR -- May

340. Massachusetts-Boston, University of, Boston, MA

341. North Georgia College, Dahlonega, GA -- May 21,

342. Florida International University, Miami, FL -- May

343. Villanova University, Villanova, PA -- February 11,

344. Valparaiso University, Valparaiso, IN -- April 8, 1977

345. Angelo State University, San Angelo, TX -- April 15,

346. Guilford College, Greensboro, NC -- April 21, 1977

41

333. Texas State University (Southwest Texas State

329. Tennessee Technological University, Cookeville, TN

-- May 9, 1975

-- February 26, 1976

-- March 12, 1976

23, 1976

1976

1976

1976

1977

1977

27, 1976

13, 1976

-- April 19, 1976

-- April 20, 1976

-- May 15, 1976

325. Towson University, Towson, MD -- May 1, 1975 326. Heidelberg College, Tiffin, OH -- May 6, 1975

- North Carolina-Greensboro, University of, Greensboro, NC -- April 21, 1977
- 348. Jackson State University, Jackson, MS -- January 24, 1978
- 349. Colorado School of Mines, Golden, CO -- April 10, 1978
- 350. California State University-Hayward, Hayward, CA -- April 12, 1978
- 351. Northeastern Oklahoma State University, Tahlequah, OK -- April 28, 1978
- 352. Southern Methodist University, Dallas, TX -- May 18, 1978
- 353. SUNY at Cortland, Cortland, NY -- October 5, 1978
- 354. Virginia Commonwealth University, Richmond, VA -- October 13, 1978
- 355. Valdosta State College, Valdosta, GA -- November 15, 1978
- 356. Wisconsin-Eau Claire, University of,
- Eau Claire, WI -- February 23, 1979
- 357. Mississippi, University of, University, MS -- March 29, 1979
- 358. Wilkes University, Wilkes-Barre, PA -- April 27, 1979
- 359. South Alabama, University of, Mobile, AL -- May 4, 1979
- 360. Loyola Marymount University, Los Angeles, CA --May 11, 1979
- 361. Minnesota, University of, Minneapolis, MN -- May 18, 1979
- 362. Elmhurst College, Elmhurst, IL -- December 1, 1979
- Loyola University of Chicago, Chicago, IL -- April 23, 1980
- 364. Vanderbilt University, Nashville, TN -- April 30, 1980
- 365. SUNY at Potsdam, Potsdam, NY -- May 3, 1980
- 366. SUNY at Plattsburgh, Plattsburgh, NY -- May 3, 1980
- 367. Olivet Nazarene University, Kankakee, IL -- May 21, 1980
- 368. Maryland-Baltimore County, University of, Baltimore, MD -- June 4, 1980
- 369. Alma College, Alma, MI -- April 4, 1981
- 370. Ursinus College, Collegeville, PA -- April 11, 1981
- 371. Boston University, Boston, MA -- April 16, 1981
- 372. Arkansas-Little Rock, University of, Little Rock, AR -- April 20, 1981
- 373. Millersville University, Millersville, PA -- April 28, 1981
- 374. California-Santa Cruz, University of,
- Santa Cruz, CA -- April 30, 1981
- 375. Georgia Southern College, Statesboro, GA -- May 22, 1981
- 376. California-Davis, University of, Davis, CA -- May 28, 1981
- 377. Southern Oregon University, Ashland, OR -- November 22, 1981
- 378. San Francisco, University of, San Francisco, CA --December 4, 1981
- California State University-Fresno, Fresno, CA --February 3, 1982
- 380. Presbyterian College, Clinton, SC -- March 25, 1982
- 381. Hope College, Holland, MI -- April 16, 1982
- 382. Richard Stockton College of New Jersey, Pomona, NJ -- April 28, 1982
- Massachusetts Institute of Technology, Cambridge, MA -- May 2, 1982
- 384. Creighton University, Omaha, NE -- December 5,

- 1982
- 385. Benedict College, Columbia, SC -- March 16, 1983
- 386. North Carolina-Chapel Hill, University of, Chapel Hill,
- NC -- April 6, 1983
- 387. Iowa, University of, Iowa City, IA -- April 8, 1983
- James Madison University, Harrisonburg, VA -- April 22, 1983
- 389. Central Arkansas, University of, Conway, AR -- April 26, 1983
- 390. Columbia University, New York, NY -- May 2, 1983
- 391. Massachusetts-Dartmouth, University of, North Dartmouth, MA -- May 2, 1983
- 392. California State University-Chico, Chico, CA -- May 10, 1983
- 393. Arizona State University, Tempe, AZ -- October 28, 1983
- 394. Northern Iowa, University of, Cedar Falls, IA --November 4, 1983
- 395. Luther College, Decorah, IA -- April 3, 1984
- 396. Principia College, Elsah, IL -- April 12, 1984
- 397. Texas Southern University, Houston, TX -- April 18, 1984
- 398. Eastern Kentucky University, Richmond, KY -- May 1, 1984
- 399. California-Berkeley, University of, Berkeley, CA --November 9, 1984
- 400. Dallas-Irving, University of, Irving, TX -- November 27, 1984
- 401. Randolph-Macon College, Ashland, VA -- May 10, 1985
- 402. State University of West Georgia (West Georgia College), Carrollton, GA -- May 24, 1985
- 403. Hampton University, Hampton, VA -- November 13, 1985
- 404. Eastern Michigan University, Ypsilanti, MI -- November 16, 1985
- 405. North Carolina-Asheville, University of, Asheville, NC -- November 22, 1985
- 406. Francis Marion University (Francis Marion College), Florence, SC -- April 10, 1986
- 407. Mt. Union College, Alliance, OH -- April 16, 1986
- 408. Mary Washington College, Fredericksburg, VA --May 2, 1986
- 409. United States Military Academy, West Point, NY -- May 2, 1986
- 410. Michigan, University of, Ann Arbor, MI -- May 3, 1986
- Colorado-Colorado Springs, University of, Colorado Springs, CO -- May 13, 1986
- 412. Northeastern University, Boston, MA -- June 2, 1986
- 413. Lewis & Clark College, Portland, OR -- June 4, 1986
- 414. West Chester University, West Chester, PA -- November 3, 1986
- 415. Lincoln University, Lincoln University, PA -- April 4, 1987
- 416. Central Washington University, Ellensburg, WA --May 2, 1987
- 417. Northeast Missouri State University, Kirksville, MO -- October 23, 1987
- 418. Middle Tennessee State University, Murfreesboro, TN -- October 29, 1987
- 419. San Jose State University, San Jose, CA -- December 1, 1987
- 420. College of Charleston, Charleston, SC -- December 2, 1987
- 421. Milsaps College, Jackson, MS -- February 4, 1988

- 422. Drew University, Madison, NJ -- April 13, 1988
- 423. Susquehanna University, Selingsgrove, PA -- April 15, 1988
- 424. Wellesley College, Wellesley, MA -- April 25, 1988
- 425. Carroll College, Waukesha, WI -- May 3, 1988
- 426. Rutgers University-New Brunswick, Piscataway, NJ -- May 3, 1988
- 427. Gonzaga University, Spokane, WA -- June 16, 1988
- 428. Transylvania University, Lexington, KY -- January 30, 1989
- 429. Texas-Dallas, University of, Dallas, TX April 1, 1989
- 430. Keene State College, Keene, NH -- April 5, 1989
- 431. Mesa State College, Grand Junction, CO -- August 23, 1989
- 432. Pennsylvania State University at Erie,
- The Behrend College, Erie, PA -- April 2, 1990
- 433. Erskine College, Due West, SC -- April 9, 1990
- 434. Fairfield University, Fairfield, CT -- December 2, 1990
- 435. St. Norbert College, De Pere, WI -- April 3, 1991
- 436. Tarleton State University, Tarleton Station, TX --October 15, 1993
- 437. California State University-Dominguez Hills, Carson, CA -- April 20, 1991
- 438. Hartwick College, Oneonta, NY -- November 9, 1991
- 439. New Mexico Institute of Mining & Technology, Socorro, NM -- November 20, 1991
- 440. Oglethorpe University, Atlanta, GA -- April 1, 1992

443. Central Connecticut State, New Britain, CT -- May

444. Fort Lewis College, Durango, CO -- April 18, 1992

445. Drake University. Des Moines. IA – May 1, 1992

446. Northeastern Illinois University, Chicago, IL -- De-

447. Michigan-Flint, University of, Flint, MI -- March 19,

448. Washington & Jefferson College, Washington, PA -

450. Clark Atlanta University, Atlanta, GA -- May 6, 1994

452. SUNY at Brockport, Brockport, NY -- November 18.

453. Rochester, University of, Rochester, NY -- November

454. Wheeling Jesuit University, Wheeling, WV -- April

455. McDaniel College (Western Maryland College),

456. East Central Oklahoma University, Ada, OK -- Sep-

457. Longwood College, Farmville, VA -- January 27,

458. Whittier College, Whittier, CA -- February 27, 1996

459. Catholic University of America, The, Washington, DC

460. Millikin University, Decatur, IL -- March 28, 1996

462. North Park University, Chicago, IL -- May 5, 1994

463. Connecticut College, New London, CT -- April 23,

461. Knox College, Galesburg, IL -- May 24, 1996

Westminster, MD -- May 4, 1995

451. Bethel University (Bethel College), St. Paul, MN --

449. Southern Nazarene University, Bethany, OK --

441. Bethany College, Bethany, WV -- May 7, 1992 442. Mt. Holyoke, South Hadley, MA -- May 9, 1992

14.1992

1993

May 1, 1992

February 19, 1994

May 17, 1994

1994

30, 1994

27, 1995

1996

1997

tember 21, 1995

-- March 26, 1996

cember 20, 1992

- 464. Centre College, Danville, KY -- January 18, 1996
- 465. Georgian Court College, Lakewood, NJ -- April 21, 1996
- 466. Spelman College, Atlanta, GA -- February 26, 1998
- 467. Hillsdale College, Hillsdale, MI -- April 22, 1998
- 468. Hendrix College, Conway, AR -- April 29, 1998
- 469. Cumberlands, University of the, (formerly Cumberland College), Williamsburg, KY -- May 8, 1998
- 470. Louisiana State University, Shreveport, LA -- June 18, 1988
- 471. San Diego, University of, San Diego, CA -- May 4, 1999
- Wisconsin-LaCrosse, University of, La Crosse, WI May 1, 1999
- 473. New Mexico, University of, Albuquerque, NM --1999
- 474. Montana, University of, Bozeman, MT -- Oct. 22, 1999
- 475. Notre Dame, University of, Notre Dame, IN -- Feb. 24, 2000
- 476. Lawrence University, Appleton, WI -- June 1, 2000
- 477. Randolph-Macon Woman's College, Lynchburg, VA -- May 30, 2000
- 478. Ohio Northern University, Ada, OH -- June 7, 2000
- 479. Southwestern College, Winfield, KS -- 1999
- 480. Rowan University (Rowan College of New Jersey), Glassboro, NJ -- Oct. 23, 2000
- Christian Brothers University, Memphis, TN -- Sept. 17, 2001
- 482. Allegheny College, Allegheny, PA -- April 26, 2002
- Carnegie Mellon University, Pittsburgh, PA -- April 27, 2002
- 484. Texas at San Antonio, University of, San Antonio, TX -- May 1, 2001
- 485. Chicago State University, Chicago, IL -- May 6, 2002
- 486. Pacific University, Forest Grove, OR -- May 9, 2002
- 487. Embry-Riddle, Daytona Beach, FL -- Jan. 28, 2002
- 488. Skidmore College, Saratoga Springs, NY -- April 5, 2002
- 489. Kettering University, Flint, MI -- March 24, 2003
- 490. Kutztown University of Pennsylvania, Kutztown, PA -- April 28, 2003
- 491. Le Moyne College, Syracuse, NY -- Dec. 6, 2002
- Coe College, Cedar Rapids, IA -- Apr. 4, 2004
   St. Mary's University, San Antonio, TX -- April 30, 2004
- 494. Lafayette College, Easton, PA -- April 16, 2004
- 495. Dillard University, New Orleans, LA -- April 6, 2004
- 496. Ithaca College, Ithaca, NY -- April 27, 2004
- 497. Vermont, University of, Burlington, VT -- April 30, 2004
- 498. Wittenberg University, Springfield, OH -- May 12, 2004
- 499. Wartburg College, Waverly, IA -- May 18, 2004
- 500. Gustavus Adolphus College, St. Peter, MN -- May 23, 2004
- 501. Northwest Nazarene University (Northwest Nazarene College), Nampa, ID -- April 20, 2004
- 502. Colgate University, Hamilton, NY -- Nov. 16, 2004
- 503. Southeastern Louisiana University, Hammond, LA -- Feb. 25, 2005
- 504. Alabama A&M University, Huntsville, AL -- May 5, 2005
- 505. University of Central Florida, Orlando, FL -- March 25, 2005
- 506. Marietta College, Marietta, OH -- March 2, 2005
- 507. Brigham Young University-Idaho, Rexburg, ID --Dec. 15, 2005
- 508. Embry Riddle Aeronautical University, Prescott,

Arizona -- Jan. 13, 2006

- 509. Minnesota-Duluth, University of, Duluth, MN April 1, 2006
- 510. Indiana University-South Bend, South Bend, IN --April 14, 2006
- 511. Radford University, Radford, VA -- April 25, 2006
- 512. Fisk University, Nashville, TN -- May 1, 2006
- 513. Ramapo College of New Jersey, Mahwah, NJ --October 11, 2006
- 514. Mary Baldwin College, Staunton, VA -- May 12, 2007
- 515. St. Vincent College, Latrobe, PA -- April 28, 2007
- 516. Drury University, Springfield, MO -- May 4, 2007
- 517. Union University, Jackson, TN -- May 8, 2007
- 518. Jackson State University, Jackson, MS -- November 5, 2007
- 519. Carthage College, Kenosha, WI -- November 30, 2007
- 520. Washington & Lee University, Lexington, VA --October 10, 2007
- 521. University of Wisconsin-Stevens Point, Stevens Point, WI -- Feb. 6, 2008
- 522. California State University, San Bernardino, CA --March 6, 2008
- 523. Butler University, Indianapolis, IN -- April 23, 2008
- 524. Marshall University, Huntington, WV -- April 25, 2008
- 525. University of North Florida, Jacksonville, FL -- April 30, 2008
- 526. Elon University, Graham, NC -- May 13, 2008
- 527. Illinois State University, Normal, IL -- November 3, 2008
- 528. Seattle Pacific University, Seattle, WA -- November 24, 2008
- 529. Portland State University, Portland, OR -- December 18, 2008
- 530. Grand Valley State University, Allendale, MI -- Jan 1, 2009
- 531. Sonoma State University, Rohnert Park, CA -- Feb. 24, 2009
- 532. Washington University in St. Louis, MO -- April 24, 2009
- 533. South Carolina State University, Orangeburg, SC -- Feb. 24, 2009
- 534. St. Mary's College of Maryland, St. Mary's City, MD -- April 23, 2009
- 535. Stevens Institute of Technology, Hoboken, NJ --March 27, 2009
- 536. University of Missouri, Columbia, MO -- 2010
- 537. California State University, San Marcos, CA -- 2010
- 538. Texas Lutheran University, Seguin, TX -- March 29, 2010
- 539. Houston Baptist University, Houston, TX -- June 2, 2010
- 540. Suffolk University, Boston, MA -- June 2, 2010
- 541. Augustana College, Rock Island, IL -- May 16, 2011
- 542. Tougaloo College, Tougaloo, MS May 1, 2011
- 543. University of Buffalo, SUNY, Buffalo, NY -- November 4, 2011
- 544. Kenyon College, Gambier, OH -- December 12, 2012
- 545. National University of Singapore, Singapore-- June 6, 2012
- 546. Gordon College, Wenham, MA -- April 6, 2012
- 547. Massachusetts College of Liberal Arts, North Adams, MA -- April 13, 2012
- 548. Simpson College, Indianola, IA -- April 24, 2013
- 549. Lebanon Valley College, Annville, PA -- April 20.
  - 2013
- 550. Roberts Wesleyan College, Rochester, NY -- April

13, 2013

- 551. Christopher Newport University, Newport News, VA -- April 23, 2013
- 552. C.U.N.Y. Lehman College, Bronx, NY -- July 18, 2013
- 553. Bryn Mawr College, Bryn Mawr, PA -- 5/17/2013
- 554. University of Texas at Rio Grande Valley-East, Brownsville, TX-- March 23, 2013
- 555. United States Air Force Academy, Colorado Spring, CO -- May 21, 2014
- 556. Saint Michael's College, Colchester, VT -- October 10, 2014
- 557. Kennesaw State University -- 4/1/2014

GA -- July 16, 2015

October 1, 2015

November 10, 2015

cember 17, 2015

ruary 24, 2017

-- February 24, 2017

-- March 24, 2017

-- April 24, 2017

March 24, 2017

-- 8/21/2017

April 11, 2019

2.2017

2018

2019

2020

6,2020

2022

2022

29.2022

3, 2022

1,2015

20.2015

2016

2016

- 558. Purdue University Fort Wayne, Fort Wayne, IN --May 28, 2014
- 559. Doane College Certe, NE -- July 22, 2014
- 560. Mercyhurst University, Erie, PA -- March 11, 2015
- 561. Norfolk State University, Norfolk, VA -- May 5, 2015 562. Georgia College and State University, Milledgeville,

563. Messiah College, Mechanicsburg, PA -- December

564. Missouri Southern State University, Joplin, MO --

565. Xavier University of Louisiana, New Orleans, LA --

566. Bridgewater College, Bridgewater, VA -- November

567. Florida Atlantic University, Boca Raton, FL -- De-

568. Salisbury University Salisbury, MD -- January 12,

569. Rockhurst University, Kansas City, MO -- June 17,

570. University of Colorado, Denver, Denver, CO -- Feb-

571. West Virginia Wesleyan College Buckhannon, WV

572. Berry College Mount Berry, GA -- April 29, 2017

573. Metropolitan State University of Denver, Denver, CO

574. California Lutheran University Thousand Oaks, CA

575. University of the Sciences Philadelphia, PA -- May

576. University of Washington, Bothell Bothell, WA --

577. University of Nevada-Las Vegas Las Vegas, NV

578. Wofford College Spartanburg, SC -- April 24, 2018

580. Saint Anselm College Manchester, NH -- April 16,

581. University of Wisconsin-Parkside Parkside, WI --

582. New College of Florida, Sarasota, FL -- April 11,

583. Brown University Providence, RI - February 21,

584. Yale University New Haven Connecticut - October

585. Kalamazoo College Kalamazoo, MI - May, 19, 2022

586. University of Alamaba Birmingham, AL - April 8,

587. Saint Mary's College Notre Dame, ID - May 13,

588. Purdue University-Northwest Hammond, IN - April

589. Florida Polytechnic University Lakewood, FL - May

43

579. High Point University High Point, NC -- April 9, 2018

# Get involved in SPS



# Join SPS online now! membership.spsnational.org

# Why Join the National Organization?

# spsnational.org/about/membership

- Physics Today An award-winning, monthly publication
- PhysCon The largest undergraduate conference for physics and astronomy majors
- Eligibility for scholarships: SPS Leadership, SPS Future Teacher, and several others
- The SPS Observer A quarterly magazine written for undergraduate physics and astronomy majors
- Research and travel grants for regional and national meetings
- Free membership in two AIP Member Societies for up to three years (undergraduates only)
- Free joint membership in the National Society of Black Physicists (NSBP) or the National Society of Hispanic Physicists (NSHP)
- Eligibility for outreach and chapter monetary awards
- SPS News eNewsletter (bi-weekly) Featuring upcoming meetings, awards, scholarships and jobs
- Careers Toolbox for Physics Students Everything you need to be successful in your internship or job hunt
- Professional development opportunities
- Undergraduate-specific regional conferences and meetings
- Opportunity to run for the SPS council
- Serve on SPS committees and gain leadership skills
- Participation in advocacy
- Opportunity to apply for free Science Outreach Catalyst Kits (SOCKs)
- Support the physics community through outreach and community service events

# Submit Annual Chapter Reports

# spsnational.org/resources/chapters

Collecting and sharing information about how SPS functions at the chapter level is imperative for the society as a whole. All chapters are strongly encouraged to record events, activities, successes, and challenges to produce an annual record of the chapter.

# Update SPS Membership Information

# membership.spsnational.org

Encourage student and faculty members to keep their membership up-to-date to ensure timely delivery of benefits!

# Update Chapter Information

# membership.spsnational.org

Make sure that your leadership and contact information is up to date.

# Find SPS Chapter & Zone Leaders

# spsnational.org/about/governance/zones

This zone map is linked to zone leadership and chapter directories.

# Find SPS Constitution & Bylaws

#### spsnational.org/about/governance/constitution

The constitution and bylaws of the SPS Organization can be used as models for chapter governance documents.

# Start a Sigma Pi Sigma Chapter

#### sigmapisigma.org/about/chapter-resources

Sigma Pi Sigma chapters are restricted to colleges and universities of recognized standing that offer a strong physics major.

# Induct Sigma Pi Sigma Members

# sigmapisigma.org/sigmapisigma/induction-center

Inductions are faster and easier with our user-friendly induction platform. Also, find formal induction resources and procedures.

# Find Everything in this Book & More Online at:

spsnational.org/about/governance/sps-information-handbook



# The Society of Physics Students & Sigma Pi Sigma

American Institute of Physics 1 Physics Ellipse • College Park, MD 20740 • Tel: +1 301.209.3007 <u>sps@aip.org</u> | <u>spsnational.org</u> | <u>sigmapisigma.org</u>

