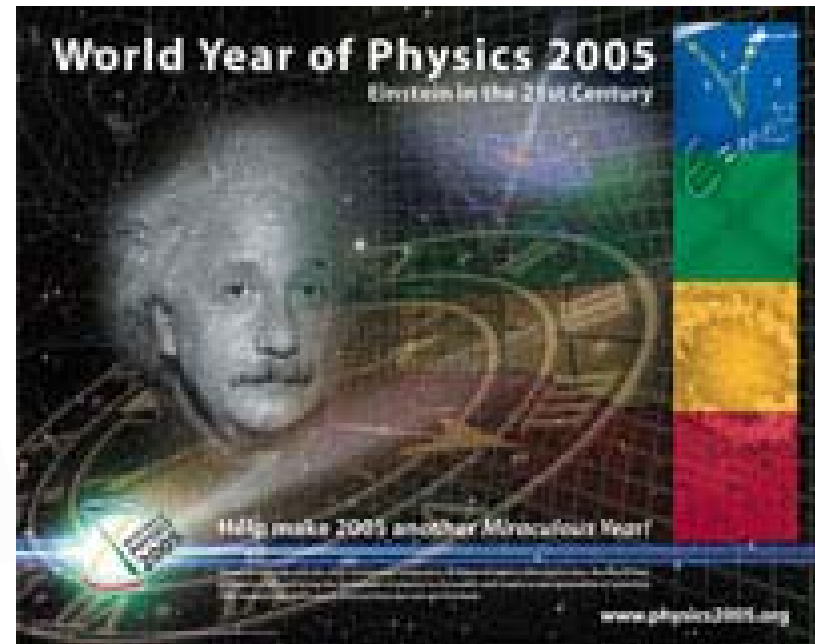


2005-06 Society of Physics Students Outstanding Chapters



Southern Connecticut State Univ.



Dr. Matthew Enjalran (enjalranm1@southernct.edu)

www.southernct.edu/departments/physics/

Zone 1

- Hosted Zone 1 SPS Regional Conference
- SPS Outreach
 - Mentors for New Haven Science Fair – 150+ hours
 - Tutors at SCSU Tutorial Center: Math/Physics
 - SCSU Physics Department Open House
- Social Events
 - Movie Nights
 - With Mathematics Club: *A Beautiful Mind*
 - With Computer Club: *The Hitchhiker*
 - Homecoming Float: “Bugs Bunny and Marvin the Martian on Mars”



OUTSTANDING SPS CHAPTER



University of Vermont

Dr. Dennis Clougherty (dennisclougherty@uvm.edu)

www.uvm.edu/~uvmSPS

Zone 1



■ SPS Outreach

- Assisted in local High School Physics Olympics
- Lectures to promote Science in local High Schools

■ Retention and Recruitment

- Movie Nights
- SPS Social Group and Support System
- Students Promote SPS during Visiting Student Days
- Physics Study Room open to all students



OUTSTANDING SPS CHAPTER



Adelphi University

Dr. Sean Bentley (bentley@adelphi.edu)
academics.adelphi.edu/artsci/phy
zone 2



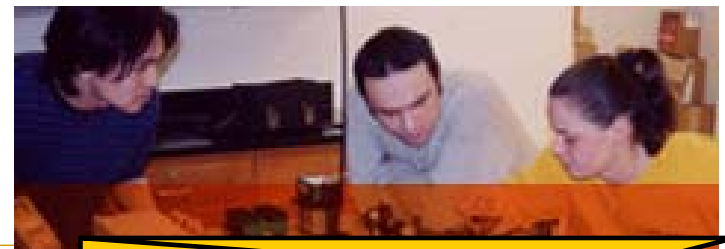
■ SPS Social Events

- Films
 - Nova Special on String Theory
 - “What the Bleep Do We Know?”
- SPS End of Year BBQ
- Sigma Pi Sigma Banquet



■ SPS Promotion

- Physics Department New Telescope
 - Open House funding provided by SPS
 - Student-performed Experiments
 - Lab Demonstrations
- Alumni Career Talks



OUTSTANDING SPS CHAPTER



Colgate University

Enrique Galvez (egalvez@mail.colgate.edu)

www.departments.colgate.edu/physics



Zone 2

- SPS Promotion & Social Events
 - Host Physics Club Table at “Freshman Activities Night” & “April Visit Days”
 - Physics Weekend
 - “Trebuchet Day” with History Department
 - “Rocket Day”
 - “Physics Pub” – Physics Majors Mixer
- Community Service & Outreach
 - Fundraiser “for One Heart with Africa”
 - Helium Balloon Sale
 - Donate Laptop to NPO
 - Rocket Day: Physics in Rocketing for Grade School Students and Teachers
 - Mentoring one-on-one Hamilton Central Students during Science Fair



OUTSTANDING SPS CHAPTER



Ithaca College

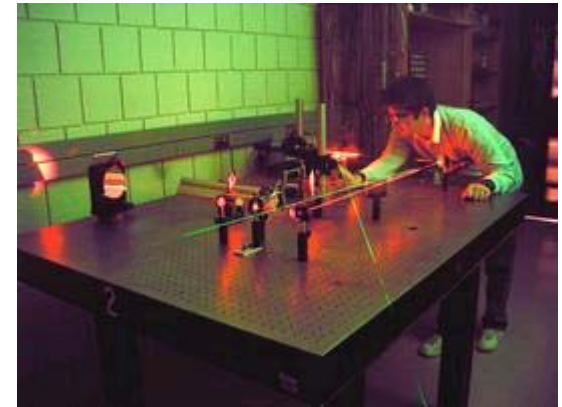
Michael Rogers (mrogers@ithaca.edu)

www.departments.ithaca.edu/physics

Zone 2



- ❑ Outreach
 - 4 Public Observing Nights at Clinton Ford Observatory
 - Physics Demos at Ithaca Sciencenter's Halloween Night
 - Outreach to Teach Science at Ithaca Middle School
 - ❑ Teaching Faculty
 - ❑ Funding Demonstration Equipment
 - ❑ Designing Physics Circus
- ❑ Activities fund SPS Banquet
 - SPS Bowling Night
 - SPS Poker Night
- ❑ Currently creating an SPS Student Room



OUTSTANDING SPS CHAPTER



Rensselaer Polytechnic Institute



Gyorgy Korniss (korniss@rpi.edu)
www.rpi.edu/dept/phys/physics.html

Zone 2

- Weekly SPS Chapter Meetings
 - Guest Lectures
 - Professors Update Current Research Projects
 - Informational sessions on Physics GRE
- Social Events
 - Intramural Soccer and Floor Hockey
 - T-Shirt Design and sale
 - “Top 10 Physics Pickup Lines”
 - “Top 10 Ways to Get Energy from a Hamster”
- Outreach and SPS Promotion
 - RPI Fall Fest/Communiversity Physics Demos
 - New Physics Student Phone-a-thon
 - Pizza Party for Incoming Physics Majors
 - Rent-a-Student Day



OUTSTANDING SPS CHAPTER



SUNY – Brockport

Dr. Mohammed Z. Tahar (mtahar@brockport.edu)
galileo.physics.brockport.edu/~sps/sps.html



- SPS Event Participation ^{Zone 2}
 - ❑ NYS-AAPT Conference at Brockport
 - ❑ Fall & Spring Picnic with Chemistry Club
 - ❑ Rocket Shoot Competition – Campus-wide
 - ❑ Alumni Spaghetti Dinner
- SPS Meetings
 - ❑ Meet the Faculty
 - ❑ Selecting a Graduate School
 - ❑ Speakers
 - Electrophotography – Physics and Chemistry of Organic Photoreceptors – Dr. David S. Weiss
 - Phosphonim Based Ionic Liquids – Dr. Al Robertson



OUTSTANDING SPS CHAPTER



Moravian College

Dr. Edward Roeder (mear01@moravian.edu)

www.moravian.edu

Zone 3



- Social Events
 - SPS “Free Pizza” Lectures
 - Welcome-back Picnic
- SPS free tutoring for introductory Physics
- Outreach
 - Family Day Physics Demonstrations
 - Lehigh Valley Physics Teacher Fall Demo Night
 - Physics Lab for Science Olympiad
 - Science Lessons and Demo at Local City Schools
- Moravian College’s “Organization of the Year Award”



OUTSTANDING SPS CHAPTER



Rowan University

Zone 3



- Participation in Eight Professional Meetings
- Community Services
 - Visits Promoting Science at Local Public Schools
 - Daily Tutoring for Math and Physics
 - Rowan University
 - Local Schools
- Hosted 2006 Zone Meeting
- Active Encouragement of Student Publication



OUTSTANDING SPS CHAPTER



Juniata College

Dr. James D. Borgardt

www.juniata.edu/clubs/sps

Zone 3



- Outstanding Chapter in Zone 4
- SPS Outreach
 - Physics Phun Night – 400 Participants
 - Pennsylvania Finals of Science Olympiad
- SPS Events
 - Cotton Candy Mahince
 - Building Homemade Go-Karts
 - Weekly Physics Tutoring
- SPS Promotion
 - SPS Physics Lounge open to all
 - SPS membership Free for Freshmen, 50% for Returning Students
 - Departmental BBQ and Pizza Party



OUTSTANDING SPS CHAPTER



Old Dominion University

Charles Hyde-Wright (chyde@odu.edu)

www.sci.odu.edu/physics

Zone 4



■ SPS Social Event

- ❑ Star Party for Viewing Mar's Closes Approach
- ❑ Old Dominion Basketball Game
- ❑ SPS Halloween Pumpkin Drop
- ❑ Earth Day Open House



■ SPS Recruitment

- ❑ Study Lounge for Society Members
- ❑ Trips to Research Facilities
 - Jefferson Lab (Newport News, VA)
 - Greenbank Radio Observatory (Greenbank, WV)
- ❑ Spring and Fall Organization Fair



OUTSTANDING SPS CHAPTER



Randolph-Macon College

Dr. Deonna Woolard (dwoolard@mc.edu)

www.rmc.edu/directory/academics/phys/index.asp

Zone 4



■ SPS Promotion

- Tutoring Math and Physics
- Designated Space in Physics Dept for SPS Members
 - Resource books, Computers, Desks, etc.
 - Social and Academic Center for SPS
- Junior/Senior Members buddy-up with Freshmen/Sophomores.
- Career Symposium



OUTSTANDING SPS CHAPTER



University of Richmond

Dr. Cornelius Beausang (cBeusan@richmond.edu)

www.physics.richmond.edu

Zone 4



■ SPS Social Activities

- Physics Movie Night
- Liquid Nitrogen Ice Cream
- Scavenger Hunt
- Deconstruction Night – disassemble old electronics
- Holiday Party



■ Outreach

- Richmond Physics Olympics
- Women in Science Luncheon
 - Physics – Biology – Chemistry
 - SPS subgroup: Society of Female Physicists



OUTSTANDING SPS CHAPTER



Virginia Polytechnic & State Univ



Vicki Soghomonian (sofhomon@vt.edu)

www.phys.vt.edu

Zone 4

- Bi-weekly Meetings
- Social Events
 - Stargazing Camping Trip
 - SPS Hosted Picnic
 - SPS Sponsored Coffee and Donuts – Fridays
- SPS Promotion & Outreach
 - Tutoring
 - Chez Robeson
 - Fundraiser
 - Skits and Food
 - Ladies of Robeson – Recruit and Retain Women in Physics
 - SPS Lounge for Graduates and Undergraduates
 - Membership Cohesion



OUTSTANDING SPS CHAPTER



Davidson College

John N. Yukich ([joyukich@davidson.edu](mailto:joyukich@ davidson.edu))

www.davidson.edu

Zone 5



■ SPS Social Events

- ❑ Weekly Student/Faculty Luncheons
- ❑ Dinners with Invited Speakers
- ❑ SPS Spring Picnic
- ❑ Sigma Pi Sigma Induction
- ❑ Commencement Open House

■ Recruitment

- ❑ Open House and Pizza Party
- ❑ Majors Fair at Davidson College
- ❑ Women in Physics Dinner – Encouraging Women to Join.
- ❑ Increased Advertising
- ❑ Pizza/Movie Parties



OUTSTANDING SPS CHAPTER



Univ of No. Carolina at Asheville



Randy Booker (booker@unca.edu)

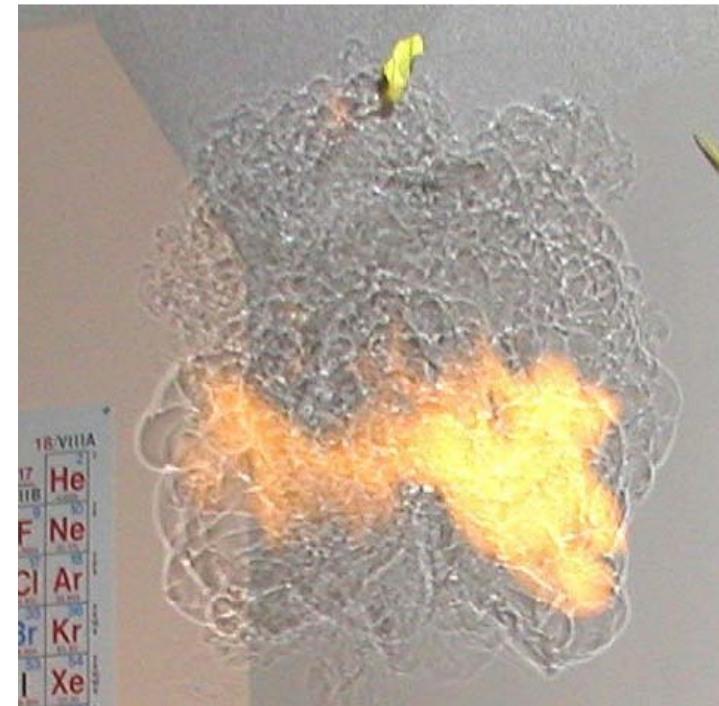
www.phys.unca.edu

Zone 5

Blowing Up Hydrogen in Astronomy Class

■ SPS Outreach & Social Events

- SPS SuperSaturday: Physics is Phun
- North Carolina Regional Science Olympiad
 - Thirty Teams
 - The Wright Stuff – Engineering Skills making Model Planes
 - Circuits Lab Event – Measuring Voltage and Current
- Physics at Health Adventure Science Museum
 - Optics and Holograms, Doppler Effect, Making FM Radios, etc.
- Wednesday Nights Public Telescope Viewings
- Helped Host National Conference on Undergraduate Research



OUTSTANDING SPS CHAPTER



Bowling Green State Univ.

Dr. Stephen Van Hook (sjvanho@bgsu.edu)

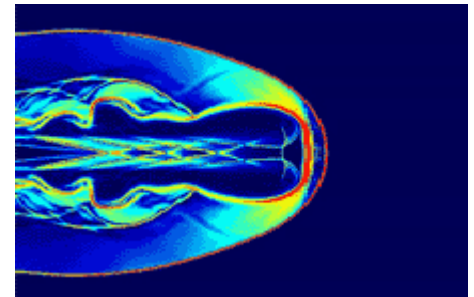
physics.bgsu.edu

Zone 7



■ SPS Social Events

- Fall and Spring Picnic for Physics and Astronomy Students & Faculty
- BG Grand Prix
 - Build and race ethanol-powered go-cart
 - Go-cart “Quantum Racing”
 - Placed 4th in race
 - Car being brought to Local High Schools for Education/Recruitment Efforts
 - Great Camaraderie
 - Working on Webpage for Quantum Race Team



OUTSTANDING SPS CHAPTER



Denison University

Dr. Kimberly Coplin (coplin@denison.edu)

www.denison.edu/student-orgs/sps

Zone 7



■ Outreach

- Presentation at The Works, Children Education Center
- Presentations for local 4th Graders
- Presentation at Children's Learning/Discovery Center

■ SPS Recruitment and Retention

- Departmental Welcome Talk for 1st Year Students
- Ongoing Invitations to 1st Year Students to all functions

■ SPS Social Events

- Volleyball
- Physics and Psuedo-Physics Movies
- Science Holiday Party



OUTSTANDING SPS CHAPTER



Eastern Michigan University



Dr. Diane Jacobs (djacobs@emich.edu)

www.physics.emich.edu/sps

Zone 7

■ SPS Events

- Physics Meeting Challenges
 - Physics Balderdash – Physics Trivia
 - Flying Bananas – Exercise in Mass and Aerodynamic
 - Physics 500 – Trivia: Race Cars/Win Prizes
 - History of Physics and Astronomy Bingo
- SPS Social Outings
 - Fall SPS Picnic
 - Pizza & Movie Night
- Outreach
 - Lunch Time Physics Program: Silent Physicists – 10 Minutes on Important Physicists for the Masses
 - Physics Olympics
 - Jell-O Prism Demonstrations



OUTSTANDING SPS CHAPTER



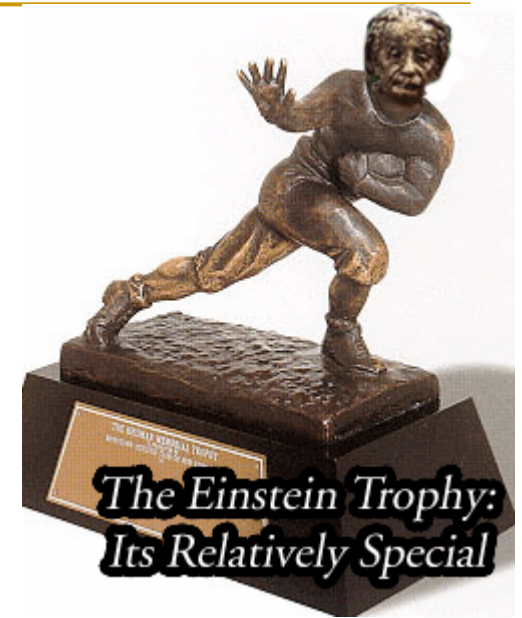
University of Michigan

Professor Greg Tarle (gtarle@umich.edu)

www.physics.lsa.umich.edu/SPS/

Zone 7

- Hosted Zone 7 Meeting Last year
- SPS Chapter Meetings
 - Pizza & Vegetarian/Vegan Alternatives
- Social Outings & Outreach
 - SPS Hosted Haunted Hayride and Bonfire
 - H-Bar: Members Volunteer Social Event at Home
 - SPS Trip to Ann Arbor Hands-On Museum
 - Physics Palooza Outreach
 - Electromagnetism, Optics, Sound, Household Physics, etc.
 - Society of Women in Physics (SWIP) Outreach to 4th/5th Grade Girls.
 - Nitrogen Demo at University Festifall.



OUTSTANDING SPS CHAPTER



University of Toledo

Dr. Scott Lee (sal@physics.utoledo.edu)

www.physics.utoledo.edu

Zone 7

- SPS Sponsored Social Events
 - Friday Night Movies – Pizza at the Movies
 - Game Nights – Video and Board Games
 - Spring Picnic
- SPS Outreach
 - Demos at COSI, Toledo's Science Museum
 - Spooky Science – Halloween, October 29th
 - Dreams to Reality – To Inspire Girls, December 3rd
 - SPS Show – Physics Demonstrations, April 23rd
 - Star Parties with the Toledo Astronomical Assoc.
 - Camp Program at Ann Arbor Hands On Museum
- Participated in the National Rube Goldberg Competition in Purdue, Indiana
- Members of the NASA Night Sky Network



OUTSTANDING SPS CHAPTER



Austin Peay State Univ.

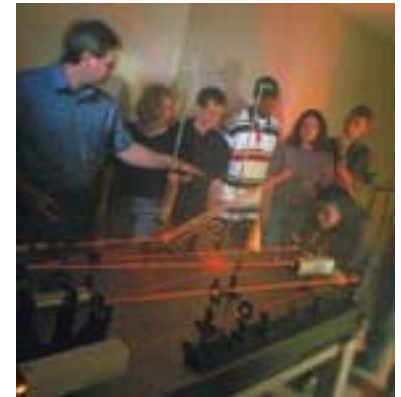
Dr. Spencer Buckner (BucknerS@apsu.edu)

www.apsu.edu/physics

Zone 8



- Professional Meetings
 - Attended Zone 8 Meeting at Univ. of Louisville
 - Attended Tennessee Assoc. of American Physics Teachers
- SPS Activities/Community Service
 - Adventure Science Center Community Outreach Day – Nashville
 - Physics and Chemistry Demonstrations for public
 - Egg Drop – Prizes and Open to all Students
 - Fastest Fall without Breaking
 - Most Creative Packaging
 - Most School Spirited Packaging
 - Pumpkin Chunkin' – Trebuchet Contest
 - GHOST (Good Halloween Opportunity for Safe Trick-or-Treating)
 - Middle Tennessee Science and Engineering Fair



OUTSTANDING SPS CHAPTER



Morehead State University

Dr. Capp David Yess (c.yess@morehead-st.edu)

www.moreheadstate.edu/physsci

Zone 8



■ Professional Meetings

- Attended Zone 8 Meeting
- Phi Kappa Phi Scholarship Showcase
- Kentucky Academy of Sciences Annual Meeting
- Kentucky Honors Roundtable Conference

■ SPS Outings

- Tour of Fermi-Lab, Chicago
- Tour of Oak Ridge National Lab, Knoxville
- Visited Museum of Science and Industry, Chicago



■ MPATE (Math, Physics, and Technical Education) outreach for K-12



OUTSTANDING SPS CHAPTER



University of Louisville

David N. Brown (D.N.Brown@louisville.edu)

www.physics.louisville.edu

Zone 8

- Hosted Zone 8 Meeting
- SPS Activities
 - Physics Jeopardy – Grads vs. Undergrads
 - Vote for “Physicist of the Month”
 - Short Presentations on Winning Physicist
 - Department Colloquium Speakers at weekly SPS Meetings
- Social Events
 - Annual SPS Fall & Spring Cookouts
 - SPS Movie Night
 - Trip to Columbus: Ohio State University, Perkins Observatory, Honda R&D Facility, COSI
 - Trip to California: SLAC, LLNL, LBNL, San Francisco Exploratorium, Golden Gate Bridge Park
 - Fund Raisers: Car Wash, Donut Sale, SPS Grocery Store (Snacks), Physics Does It All (PDIA – Odd Jobs Done for \$)



OUTSTANDING SPS CHAPTER



University of Mississippi

Dr. Breese Quinn (quinn@phy.olemiss.edu)

www.phy.olemiss.edu/SPS

Zone 10



- Re-energized and Very-Active Chapter after Period of Inactivity
- Host of SPS Zone Meeting
- Numerous Inductees to Sigma-Pi-Sigma
- Large and Enthusiastic Student Participation



OUTSTANDING SPS CHAPTER



Augustana College

Cecilia Vogel (ceciliavogel@augustana.edu)

helios.augustana.edu/physics

Zone 9



■ SPS Sponsored Events

- “Legacy of Einstein” – Nobel Conference at Gustavus Adolphus College
- Iowa State University
 - Tour of X-Ray Flow Visualization Facility
 - Virtual Reality Application Center
 - SAE Race Team Shop
 - Robotics club
- Cardboard Boat Regatta – SPS’s Heisenberg II
- SPS Designed Fireworks Show
- Physics Open House
 - Halloween Astronomy Open House
 - World Year of Physics Open House
 - Astronomy Day Open House
 - Franklin is Electric Open House



OUTSTANDING SPS CHAPTER



Ball State University

Dr. David Grosnick (dgrosnick@bsu.edu)

www.bsu.edu/physics/

Zone 9



■ SPS Chapter Support for Academic Progress

□ Student Presentation Rehearsals

- Opportunity to Encourage Constructive Criticism
- Build Confidence

□ Weekly Meeting with Organized Agendas

- 25-to-45 Minute Meetings

■ Outreach Program

□ Multiple visits to Middle and High Schools

- Physics : Exciting and Easy-to-Understand Presentations
 - Newton's 3rd Law: Student in Cart with a CO₂ tank
 - Optics: Laser into a Bucket of Water with a Hole at its Base.
- Encourage Students to pursue College and Science



■ SPS Community Service: Katrina Red Cross Fund



OUTSTANDING SPS CHAPTER



Carthage College

Professor Brian P. Schwartz (bschwartz@carthage.edu)
www.carthage.edu/dept/physics/sps_outreach/sps.htm



Zone 9

- Professional Meetings
 - Attended Zone 9 Meeting – Augustana College
 - AAPT Winter Meeting – Anchorage
- SPS Sponsored Social Events
 - Fall Barbecue for New Students
 - Spring Picnic for Graduating Seniors
 - Weekend in Chicago – Field Museum
- Outreach
 - Physics Family Fun Nights
 - Celebrating Einstein's & World Year of Physics
 - Light & Electricity – Benjamin Franklin's 300th Birthday
 - Math/Science Competition
 - Science Fair
 - Host at Yerkes Observatory



OUTSTANDING SPS CHAPTER



Marquette University

Dr. Andrew Kunz (Andrew.Kunz@marquette.edu)

www.marquette.edu/physics

Zone 9

- Host of Fall 2005 Zone Meeting
- SPS Programs
 - Tesla Coil Construction
 - Weekly Colloquiums
 - Dr. Eric Cornell: Bose Einstein Condensates
 - Sigma Pi Sigma Banquet
- Outreach
 - Four “Star Parties”
 - Trebuchet Launches
 - School Demonstration of Tesla Coil and Bed of Nails



OUTSTANDING SPS CHAPTER



Univ. of Wisconsin - Platteville

Professor Jerome J. Wilson (wilson@uwplatt.edu)

www.uwplatt.edu/org/sps/

Zone 9



■ SPS Social Events

- ❑ Canoeing on the Wisconsin River
- ❑ Museum of Science and Industry – Chicago
- ❑ Montfort Wind Farm – Wind Turbines
- ❑ Physics Day at Six Flags Great America
 - “Rollercoasters Instead of Homework”
 - Gravity, Momentum, Energy, Power, and Fun.



■ Outreach

- ❑ Girl Scout Science and Technology Day
- ❑ Engineering Expo – Engineering, Math, & Physics
- ❑ Physics is Phantastic – Elementary School Outreach



OUTSTANDING SPS CHAPTER



Univ. of Wisconsin - River Falls

Dr. Earl D. Blodgett (earl.d.blodgett@uwrf.edu)

www.uwrf.edu/sps

Zone 9



■ SPS Fundraisers - Sent Members to Zone 9 and 11 Meetings

- Used Book and Bake Sale
- Walking Tacos (Tacos in a Bag)

■ Social Events

- Fall & Spring Physics Picnics
- Ice Skating
- End-of-Semester-Christmas-Is-Almost-Here-Time-to-Have-Fun-Holiday Party
- *Jelloscope* Competition – Making a Gelatin Lens Telescope

■ Outreach

- “Einstein: A Stage Portrait” – 430 People Attended
- SPS Traveling Science Show – Elementary/Middle/High Schools



OUTSTANDING SPS CHAPTER



Christian Brothers University



Dr. John Varriano (jvarrian@cbu.edu)

www.cbu.edu/Clubs/SPS/sps.html

Zone 10

■ Social Events

- ❑ Sunspot Viewing Session on the Quadrangle
- ❑ Christmas Pizza Party
- ❑ Bottle Rocket Competition
 - Longest Flight
 - Closest to Target
 - Rocket That Safely Lands an Egg
- ❑ Solar Bag Flights on the Quadrangle



■ Outreach

- ❑ Tennessee Regional Science Olympiad
 - SPS Supervised: Paper Airplane, Rube Goldberg Machine, & Physics High School Competition
- ❑ CBU School of Sciences Charity Volleyball Match



OUTSTANDING SPS CHAPTER



Rhodes College

Dr. Brent Hoffmeister (Hoffmesiter@rhodes.edu)

physics.rhodes.edu

Zone 10



■ SPS Meetings

- Bi-Weekly Demos: Using a Fire Extinguisher, Bed of Nails, Bicycle-Generator, Crushing 55 Gallon Cans with Atmospheric Pressure, etc.
- Laser-Chess Game Tournament (Deflexion)

■ Social Events

- Diet Coke and Mentos
- Star Gazing Night
- Halloween Pumpkin Drop
- Solar Picnic – Cooking with Solar Rays
- Oak Ridge Camping Trip



■ Microgravity Outreach – Design Experiment for NASA's Weightless Wonder Airplane



OUTSTANDING SPS CHAPTER



Univ. of Louisiana – Lafayette

Dr. John Matese (matese@louisiana.edu)

physics.louisiana.edu/SPS

Zone 10



■ SPS Chapter Meetings

- Weekly Meetings and Seminars
- Biweekly Student/Faculty Lunches

■ SPS Events and Outreach

- Feynman Lecture Series – University Outreach
- Tour of Louisiana Accelerator Center
- Science Olympiad – Moderators and Judges
- Physics Tutoring
- Hurricane Katrina Community Service
 - Adopting Hurricane Evacuees from New Orleans Universities
 - SPS Volunteers at Cajundome for Red Cross Relief Effort



OUTSTANDING SPS CHAPTER



Augsburg College

Mark Engebretson (engebret@ausburg.edu)

www.augsburg.edu/home/physics

Zone 11



- Participated in American Geophysical Union
- Einstein's Publication's 100th Anniversary
 - Celebration
 - Movie: Majestic Clockwork
- SPS Recruitment and Retention
 - Multiple Visits to General Physics Classes
 - Faculty Support for All SPS Activities
 - SPS Information and Membership Table
 - Planning Meeting Open to All Members
 - Joint Christmas Party with Chemistry Department



OUTSTANDING SPS CHAPTER



Bemidji State University

Dr. David A. Bahr (dbahr@bemidjistate.edu)

www.bemidjistate.edu/physics

Zone 11



■ Community Service

- ❑ Financial and Academic Support for Local High School Physics Olympiad Team
- ❑ Autumn Raking for Elderly and Shut-Ins
- ❑ Katrina Relief Potluck Fundraiser

■ SPS Recruitment and Retention

- ❑ Ongoing Invitations to Outside Individuals and Organizations to Events and Demonstrations
- ❑ Student Mentoring Relationships



OUTSTANDING SPS CHAPTER



Coe College

Steve Feller (sfeller@coe.edu)

www.public.coe.edu/departments/Physics

Zone 11



■ Professional Meetings

- Zone 11 Meeting – Decorah, Iowa
- 5th International Conference on Borate Glasses, Crystals, and Melts – Trento, Italy
- Pacific Rim Meeting of American Ceramic Society – Maui, Hawaii
- Acoustical Society of America – Minneapolis, MN
- European Acoustical Association – Budapest, Hungary

■ SPS Chapter Events

- Ice Cream Social
- Quiz Night Competition
- Fermi National Lab Tour
- “Coe Playground of Science” Demos – Attendance 850



OUTSTANDING SPS CHAPTER



Gustavus Adolphus College

Dr. Thomas Huber (huber@gac.edu)

physics.gac.edu

zone 11



- Participation at SPS Meetings
 - 12 Student Presentations
 - 6 Outside Speakers
 - Alumni Panel on Physics Careers
- SPS Social Events
 - Weekly Social/Athletic Event
 - Semester Picnics
 - End of Semester Parties
- Outreach
 - “Science Saturday” for 100 Grade School Children
 - SPS Judge Local High School Science Fairs



OUTSTANDING SPS CHAPTER



Truman State University

Taner Edis (edis@truman.edu)

physics.truman.edu

Zone 12



- Great Demonstration Team
 - Science Olympiad for Grade Schools
 - Science Night for Kirksville Grade Schools
- SPS Recruitment & Retention
 - Pizza at Every Meeting
 - Free Tutoring: 5-Days/Week 3-Hours/Day
 - Encourage Members to Join Demo Team
- Keep in touch with Alumni via Emails



OUTSTANDING SPS CHAPTER



Univ. of Central Oklahoma

Dr. Evan Lemley (elemley@ucok.edu)

www.physics.ucok.edu

Zone 12

- Hosted Zone 12 Fall Meeting
- SPS On-Campus Events
 - Spaghetti Tower and Rubberband Competitions
 - Weekly Chili Dog and Frito Chili Pie Sales
 - Christmas Party
 - Earth Day Booth
- Community Service and Outreach
 - Omniplex Engineering Fair Demonstrations
 - Intramural Basketball – 2nd Place
 - Intramural Golf – 1st Place
 - Physics/Biology/Chemistry Club Picnic



OUTSTANDING SPS CHAPTER



Univ. of Missouri – Kansas City

Michael Kruger (krugerm@umkc.edu)

cas.umkc.edu/physics

Zone 12



■ Outreach

- Visited Seven High Schools – Physics Demos
- Science City Museum - every other Saturday
 - “Make and Take” Demonstrations: Pinhole viewers, Toy hovercrafts, Leyden jars, etc. (Suggestions Welcomed)
- Unlimited Physics Tutoring
- Webelos on Wheels – 100 Webelos Introduction to Physical Phenomena
- Physics High School Competition – Jeopardy

■ SPS Projects

- Electromagnetic Rail Gun
- Tesla Coil



OUTSTANDING SPS CHAPTER



William Jewell College

Blaine Baker (bakerb@william.jewell.edu)

www.jewell.edu/academics/major/physics

Zone 12



■ SPS Social Events

- Pizza/Movie Night
- Spring Banquet

■ SPS Outreach

- Demonstrations for Kids from Inner-City Schools
- Assist and Judge Science Fair Projects

■ Community Service

- Habitat for Humanity



OUTSTANDING SPS CHAPTER



Abilene Christian University

Dr. Rusty Towell (rusty.towell@acu.edu)

emc2.acu.edu/~schulzep/physwww

Zone 13



■ SPS Social Events

- ❑ Freshmen Rooftop Luau – Star Party & Pizza
- ❑ Ultimate Championship Ping Pong Tournament
- ❑ Friday Fiscis Fun Night – Video Games & Food
- ❑ Make Your Own Pizza at Dr. Isenhower's
- ❑ Dead Day Cookout with Computer Science Dept
- ❑ Trip to Comanche Peak Nuclear Power Facility

■ Outreach

- ❑ Math, Science, Reading, and Writing Tutoring for Underprivileged Children at Fannin Elementary



OUTSTANDING SPS CHAPTER



Angelo State University

Toni Sauncy (toni.sauncy@angelo.edu)

www.angelo.edu/dept/physics

Zone 13



- Hosted Spring 2006 Zone Meeting
- SPS Social Events
 - Welcome Back Picnic on the Patio
 - SPS Homecoming Participation
 - Brisket Cookoff Champion
 - Scholar Contest
 - Homecoming Carnival – SPS Hovercraft Rides & Liquid Nitrogen Ice Cream Sales.
 - SPS Float – “A Genuine Wild West – The Trinity Site”
- Community Service
 - Can Roll Food Drive – 600 lbs
 - Physics Demonstrations for 1000 Students in Eight Schools



OUTSTANDING SPS CHAPTER



Sam Houston State University



Dr. C. Renee James (phy_crj@shsu.edu)

www.shsu.edu/~phy_www

Zone 13

■ Outreach

- Three-hundred 3rd & 4th Graders at Sam Houston
 - Planetarium Parents and Children
 - How to Determine How Hot a Star is by Color
 - How far are the other planets?
 - “Mars Attacks” at the Planetarium
 - Closest Mars will be for a very long time
 - Space Art Contest
 - Slide Show
 - Barbecue
 - Weeklong Camp Invention
 - With U.S. Patent and Trademark Office
 - Grade 1 through 6
 - Fostering Creativity, Teamwork, and Inventive Thinking
 - DVD for High School Physics Teachers – Promote “Coolness” of Physics



OUTSTANDING SPS CHAPTER



St. Mary's University

Olga Lobban (olobban@stmarytx.edu)

ats.stmarytx.edu/~physics/Physics_Homepage.html

Zone 13



■ SPS Social Events

- SPS End-of Year Party – Six Flags Fiesta Texas
- Smoothie Booth, Fiesta Oyster Bake
- The Amazing Race
 - Teams in Pairs
 - 10 Strategically Positioned Stations – Complete Task at Station & Earn a Clue about Next Station.
- Field Day – Outdoor Games and Barbecue.

■ Community Service

- Angel Tree Network & Hurricane Katrina Relief Fund Raisers
 - Bake Sale, Liquid Nitrogen Ice Cream Sale, Donut Sale, Valentine Day Rose Sale (125 Roses Sold)
- Platelet Donations – 3 times during 2005/2006
- Christmas Party and Easter Egg Hunt for PJ's Children's Home



OUTSTANDING SPS CHAPTER



Stephen F. Austin State Univ.



Mr. Ali Piran (apiran@sfasu.edu)

www.physics.sfasu.edu

Zone 13

■ Community Service

- High School and Jr. High School SPS-Lead Observatory Tours and Telescope Viewings
- Support for University Shrimp Fest

■ SPS Recruitment and Retention

- Drinks and Ice Cream at Meetings
- Expenses paid to Zone Meetings
- SPS Membership Drives for Entry Physics Classes
- SPS Advertising at Physics Olympics and Observatory Telescope Viewing Sessions
- Lab Instructors Encouraged to Join SPS



OUTSTANDING SPS CHAPTER



Texas State Univ. – San Marcos

Dr. David Donnelly (donnelly@txstate.edu)

Zone 13



- Active Participation in Zone Meetings
 - Fall Zone Meeting – University of Houston
 - Spring Zone Meeting – Angelo State
- Community Service
 - Support for Hernandez Intermediate
 - 2nd Place at Austin Science Fair
 - Food-Raiser for Victims of Hurricanes Katrina and Rita – 2700 lbs of Food
- Science Extravaganza: SPS with Women in Science and Engineering (WISE) and Society of Mexican American Engineers and Scientists (MAES)



OUTSTANDING SPS CHAPTER



Utah State University

David Peak (peakd@cc.usu.edu)

www.physics.usu.edu

Zone 15



■ SPS Outings & Social Events

- ❑ Dupont Holographic Tour
- ❑ Campbell Scientific Tour
- ❑ Pizza Party



■ Outreach

- ❑ USU Physics Day – Physics Bowl
- ❑ Service Project at Bear Lake Observatory
 - Maintenance and Clean-up

■ SPS Sponsored Physics Department Yearbook – Fund Raiser



OUTSTANDING SPS CHAPTER



New Mexico Inst. of Mining and Technology

Dr. Ken Minschwaner (krm@kestrel.nmt.edu)

physics.nmt.edu

Zone 16



■ SPS Sponsored Social Events

- Physics Club Barbecue
- Trebuche Launch – Melons, Bags of Flour, etc.
- Physics Dept. Liquid Nitrogen Ice Cream Party
- Pumpkin Chucking Contest
- Trip to Trinity Site – 60th Anniversary
- Hurricane Katrina Fundraiser Movie Night

■ Outreach

- “Rocky Mountain Talent Search” Demos
 - Tesla Coil, Jacob’s Ladder, Van de Graaf Generator, Jumping Rings.
 - Bed of Nails – Cement Block broken on SPS Member
- University Lab Tours
- NMT Paper Airplane Contest



OUTSTANDING SPS CHAPTER



University of Texas – El Paso



William G. Durrer (wdurrer@utep.edu)

academics.utep.edu/physics

Zone 16

- Community Service and Outreach
 - Comparative Study of Middle School Student Interest in Physical Sciences Along US-Mexico Border
 - Numerous Demonstrations In US and Mexico
 - US Elementary, Middle, and High Schools
 - Universidad Autonoma de Ciudad Juarez
 - University of Mexico at Ciudad Juarez
 - UTEP Science and Engineering Expo
 - Nature Days Summer for Elementary and High Schools



OUTSTANDING SPS CHAPTER



California State University – Chico

Dr. David Kagan (dkagan@csuchico.edu)

www.csuchico.edu/phys

Zone 18



- Professional Meetings
 - 47th Annual Meeting APS Division of Plasma Physics
 - 2005 Sigma Xi Annual Meeting
 - AAPT Northern California Section Fall Meeting
 - AAPT National Winter Meeting – Anchorage
- SPS Sponsored Social Gatherings and Outreach
 - Meet the Faculty Pizza Party
 - Fall Bash (End of Semester Party)
 - 18th Annual Pumpkin Drop
 - Girl Scouts “Making it Matter Day” – Society of Women Engineers
 - Honors Celebration Rocket Trike Launch
 - Natural Sciences Softball Tournament
 - Graduate Luncheon



OUTSTANDING SPS CHAPTER



California State Univ. – Sacramento



William DeGraffenreid (degraff@csus.edu)

www.csus.edu/sps/

Zone 18

- Hosted Zone 18 Meeting
- SPS Sponsored Events
 - New Faces Reception
 - Sigma Pi Sigma Banquet
 - Bowling Afternoon
 - End of Year BBQ
 - World Year of Physics Pizza Party
- Outreach
 - World Year of Physics
 - Physics Day Booth at Great America Amusement Park
 - Hosted Science Olympiad
 - Pizza Party
 - High School Invitational and Physics Dept Tour
 - College of Science Open House



OUTSTANDING SPS CHAPTER



Hartnell Community College

Dr. Jesse Cude (jcude@jafar.hartnell.edu)

www.hartnell.cc.ca.us/physics/sps/spswebsite/index.html



Zone 18

- Weekly SPS Chapter Meetings
 - Each Club Member Explains and demonstrates Physics Concepts
 - Guest Speakers
 - Dr. Anne Metvier – Galaxy Formation
 - Victoria Hutchins – Sixth Grader: Watching the Motion of Galilean Satellites of Jupiter with a hand-built Telescope
- Field Trips
 - Stanford Linear Accelerator (SLAC)
 - NASA Ames Research Center
 - Naval Post Graduate School
 - Fremont Peak Observatory
- Community Service
 - Tsunami Relief – Hartnell Donate A Dollar Day
 - Hurricane Katrina – Barbecue raised \$600
 - Annual Canned Food Drive – 500 lbs for Monterey County Food Bank



OUTSTANDING SPS CHAPTER

