

# South Carolina Academy of Science

Vol. 33, No. 1

Newsletter

Winter, 2007

02.24.2007 Deadline for Abstract  
Submissions  
for SCAS/SCJAS  
Annual Meeting

02.28.2007 SCJAS Research  
Paper Deadline

03.01.2007 MESAS Mail-in  
Contest for SCAS/  
MESAS Members Due

03.30.2007 Late Registration  
Deadline for SCAS/  
SCJAS Annual Meeting

04.19.2007 SCAS Council Meeting  
University of South  
Carolina  
Columbia, SC

04.20.2007 Annual Meeting  
Midlands Technical  
College  
Columbia, SC



## 2007 Annual Meeting to be Held at the Airport Campus of Midlands Technical College

The Eightieth Annual Meeting of the South Carolina Academy of Science (SCAS) will be held in conjunction with the South Carolina Junior Academy of Science (SCJAS) on Friday, April 20, 2007 at the Airport Campus of Midlands Technical College in Columbia, SC. More than 300 research papers will be presented throughout the day in twelve topical sessions. Registration will begin at 7:30 AM with the first topical sessions beginning at 8:30 AM.

### *Research Featured at the 2007 SCAS Annual Meeting*

More than 300 research papers will be presented throughout the day in twelve topical sessions and poster sessions at the 2007 SCAS Annual Meeting. We would like to encourage and invite you to present a paper. Also if you work with undergraduate or graduate students we would ask that you encourage them to participate in the SCAS Annual Meeting and present a paper if they have been engaged in research. To encourage greater participation by undergraduate students, the value of the undergraduate research awards have been increased to over \$2,000.00. Please encourage all interested students to come and present their research and posters.

The rooms in which the sessions will be held will all be media equipped classrooms that should support PowerPoint presentations and have computers equipped with USB plugs. But presenters are strongly encouraged to bring either hard copies or transparencies of all relevant materials to be shown in case there is some sort of compatibility problem. All session rooms will have overhead projectors and Elmo or similar projection units available. For information pertaining to research abstracts and deadlines please contact Dr. David Ferris at [dkferris@uscupstate.edu](mailto:dkferris@uscupstate.edu).

### *Invited Speakers Featured at the 2007 SCAS Annual Meeting*

In addition to more than 300 research presentations, the 2007 SCAS Annual Meeting will feature an interesting array of invited speakers. Coming from areas of expertise including medicine, chemistry, and historical science research a common thread will be woven through the presentations concerning the critical need to effectively translate scientific research into public awareness and scientific literacy.

(continued page 3)



# Call for Papers

South Carolina Academy of Science  
2007 Annual Meeting - **Friday, April 20, 2007**  
Midlands Technical College, Columbia SC

**Abstract and Pre-Registration Deadline: February 24, 2007**

**All abstract submissions must be entered electronically.**  
Abstracts may be submitted by selecting 'Abstract Submission' at:  
<http://www.erskine.edu/scas/meetings/meetings2007AK.htm>

*Online registration will continue until February 24, 2007. Cost is \$16.00.*  
*Late registration will be \$21.00 (online) and*  
*will only be accepted through March 30, 2007.*

*After this deadline, all registration fees (\$25.00) will only be accepted at the Annual Meeting Registration Desk.*

**The South Carolina Academy of Science invites research papers for its 2007 Annual Meeting from all scientific and mathematical disciplines. The Academy also invites papers regarding education and teaching in science and mathematics.**

**The papers may be 15 minute oral presentations, including question and answer time, or may be in poster format.**

**PowerPoint presentations may only be made at all Senior Academy oral sessions. Presenters should refer to the guidelines for poster sessions and for PowerPoint presentations. The guidelines are on page ten of this newsletter and are posted on the Academy's web site at <http://www.erskine.edu/scas/index.html>.**

**Persons wishing to present at the Annual Meeting must fill out abstract (on-line) and registration forms - both coming soon. Any mail-in registration forms must be returned to Dr. John Safko, SCAS Treasurer, Department of Physics and Astronomy, University of South Carolina, Columbia, SC 29208 by *February 24, 2007*.**

**\*\* Note: Only abstracts submitted on-line will be accepted.**

**\*\*\*For SCJAS submissions, please refer to: <http://www.erskine.edu/scjas/>\*\*\***

## MEETING INFORMATION :

(continued from front page)

The keynote presentation during the plenary session will be given by **Dr. Michele Dominick Bishop**, an Assistant Professor of Medicine at the Mayo Medical School in Jacksonville, Florida. Dr. Dominick Bishop is a nationally recognized expert in gastroenterology and hepatology who specializes in pancreatic diseases. Michele is also a graduate of Brookland-Cayce High School in Cayce, S.C. and a former member of both the SCJAS and the SCAS. We are very pleased that Michele has agreed to be our keynote speaker and we welcome her back to South Carolina!

Two other special presentations will be featured during the afternoon. **Dr. Bassam Shakhshiri**, a Professor of Chemistry at the University of Wisconsin-Madison and former chief education officer at the National Science Foundation, will present *Science and Scientific Literacy*. According to Dr. Shakhshiri, "our democratic society is becoming increasingly dependent on science and technology. It is essential for the well-being of our society that all citizens develop an appreciation of science, the benefits of technology, and the potential risks associated with advances in both. Citizens must gain 'science literacy'." Dr. Shakhshiri has given presentations throughout the world. His presentation at the 2007 SCAS Annual Meeting will include many of the fascinating chemical demonstrations that he has developed over the years.

Later in the afternoon **Mr. Howard Burnham** will present *On the Shoulders of Giants* in which he will portray five famous scientists whose vision and research changed the course of human history including Aristotle, Louis Pasteur, Sir Isaac Newton and Albert Einstein. Mr. Burnham not only has conducted meticulous research concerning the background, research, and lives of these scientists, but also portrays these individuals during his presentation. Born in Bournemouth, England, Mr. Burnham is a gifted scholar who has worked as an educator, museum curator, and actor. His historical characterizations have been presented throughout the United States and have included portrayals of Charles Darwin, Lewis Carroll, Shakespeare, George Bernard Shaw, General Thomas Sumter and many others. We are delighted that Mr. Burnham is developing this new monologue exclusively for the 2007 SCAS Annual Meeting. You will not want to miss this fascinating presentation!

### ***SCJAS to Feature New Competitions at 2007 Annual Meeting***

The South Carolina Junior Academy of Science (SCJAS) will offer two new competitions in addition to the research presentations. ***Science In the News*** tests students knowledge of current events in science. ***Speaking of Science*** is an oratorical competition. More than \$1,000 will be awarded as prizes to the top competitors in these events. These competitions will be open to any interested students in South Carolina in grades 8-12. Please pass this information along to high schools and interested students in your geographical area. For complete rules and information pertaining to these two events contact Dr. Tom Reeves at [reevest@midlandstech.edu](mailto:reevest@midlandstech.edu) or telephone 803-822-3554. For all other information pertaining to the SCJAS please contact either Dr. Karen Fox, Executive Director SCJAS, at [kfox@med.sc.edu](mailto:kfox@med.sc.edu) or telephone 803-733-1529 or Dr. Don Jordan, Director for Center for SCAS at USC, at [Jordan@gwm.sc.edu](mailto:Jordan@gwm.sc.edu) or telephone 803-777-7007.

## CALL FOR NOMINATIONS

The South Carolina Academy of Science is requesting nominations for a new Vice President and new council members. The Vice President is responsible for organizing the 2009 SCAS Annual Meeting, and will take over the President Elect's chair in 2009, and eventually the President's seat in 2010.

Council members serve a three year term starting this summer and lasting until 2010. They assist in policy-making and directional goals of the Academy. Four council members will be elected.

Please forward your nomination, along with a short bio of the nominee to Dr. James Privett, SCAS Immediate Past-President, at USC Sumter / 200 Miller Rd. / Sumter, SC 29150-2498, or via email at [jamesp@uscsumter.edu](mailto:jamesp@uscsumter.edu). If you have any questions, please contact Dr. Privett or Anthony Kurlychek, Assistant to the SCAS at [kurlycha@gwm.sc.edu](mailto:kurlycha@gwm.sc.edu), or (803) 777-8759.

South Carolina Academy of Science  
2007 Annual Meeting  
Friday, April 20, 2007  
Midlands Technical College, Columbia SC

Call for Contributed Papers  
Abstract and Pre-Registration Deadline: February 24, 2007

Payment method (Registration is not complete until payment received):

- I intend to pay online                       I intend to pay via mail

Presentation Type:

- Oral     Poster

SCJAS members do NOT use this page for abstract submission, please email all SCJAS abstracts directly to Dr. Karen Fox (kfox@med.sc.edu).

Poster Presentations **require** the submission of your abstract (below), a printed copy of your extended abstract/research paper to be available at the poster station for judges, AND submission of the extended abstract in Microsoft Word format to [dkferris@uscupstate.edu](mailto:dkferris@uscupstate.edu) for inclusion in the meeting proceedings section of the SCAS Journal.

Posters are only eligible for the Explorers Club award (Graduate Students only). If you wish to be considered for the Explorer's award check the box below:

**Explorers Club** - entrants must submit written papers to Dr. John Safko (safko@sc.edu) by February 24, 2007.

Select one of the topical sessions below for your presentation:

- |   |  |   |   |
|---|--|---|---|
| <input type="checkbox"/> Biology: Cellular      | <input type="checkbox"/> Earth/Geological      | <input type="checkbox"/> Statistics                     | <input type="checkbox"/> Nanoscience                    |
| <input type="checkbox"/> Biology: Field         | <input type="checkbox"/> Geography             | <input type="checkbox"/> Public Health                  | <input type="checkbox"/> Nursing                        |
| <input type="checkbox"/> Biology: Molecular     | <input type="checkbox"/> Math/Computer Science | <input type="checkbox"/> Meteorology/Climatology        | <input type="checkbox"/> Physics/ Astronomy/Engineering |
| <input type="checkbox"/> Chemistry/Biochemistry | <input type="checkbox"/> Math/Comp.Sci/Sci.Ed. | <input type="checkbox"/> Medicine Pharmacology Pharmacy | <input type="checkbox"/> Psychology/Social Science      |

Also mark if  SCAMP  EPSCOR  Two Year College

If you are a STUDENT, please check the appropriate box:  Undergraduate  Graduate

To be considered for prizes awards, indicate the status of PRESENTER (check ) Click For: JUDGING CRITERIA

Visual Aid(s) needed :  Overhead Projector  Computer and Computer Projector for PowerPoint

Please click [here](#) to see computer specifications. **NOTE:** No 35mm slide projectors are available. VCR/TV presentations cannot be accommodated due to time constraints.

**The presenter of a paper must be registered for the meeting and one of the authors must be a member of the SCAS.**

AUTHOR / PRESENTER WHO IS A CURRENT MEMBER OF SCAS

SCAS MEMBER ID NUMBER (LOCATED ON NEWSLETTER LABEL)

**Contact Information for Head Presenter:**

First Name:  Last Name:

Email:

Phone Number:

Institution/Business:

Research Supervisor (if student):

NAME OF PRESENTER

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**ABSTRACT INFORMATION ENTRY**

If you need to enter a subscript or superscript into the **Title of Paper**, when you reach that point in the title, please enter the subscript or superscript into the appropriate box and click on the button.

<input type="text"/>	<input type="text"/>
<input type="button" value="add subscript to Title"/>	<input type="button" value="add superscript to Title"/>

Title of Paper

Identification and Purification of Putative Jensenii G Transporter Protein  
Elizabeth Grant, Stefanie H. Baker  
Department of Biology  
Erskine College  
Susan F. Barefoot  
Department of Food Science & Human Nutrition  
Clemson University

The antitubulin activity of jensenii G, a bacteriocin produced by *Propionibacterium jensenii*, as well as its heat and pH stability suggest its usefulness as a biological food preservative. A single protein band was observed on a sodium dodecyl sulfate polyacrylamide gel following purification under denaturing conditions and dialysis to remove the urea. \* Supported by NSF Grant #####

If you need to enter a subscript or superscript into the **Abstract of Paper**, when you reach that point in the title, please enter the subscript or superscript into the appropriate box and click on the button.

<input type="text"/>	<input type="button" value="add subscript to Abstract"/>	<input type="text"/>	<input type="button" value="add superscript to Abstract"/>
----------------------	--	----------------------	--

**Abstract** - \*Must not exceed 2200 character limit. Please fill in using format shown above in Example Abstract.

[Submit Abstract](#)

## USC SUMTER'S JAMES PRIVETT NAMED GOVERNOR'S PROFESSOR OF THE YEAR



James E. Privett, a USC Sumter chemistry and physics professor, has been named a 2006 Governor's Professor of the Year. S.C. Gov. Mark Sanford announced the selection at a special press conference held at the South Carolina Statehouse Nov. 2. Privett is one of only two chosen to receive the award this year.

For Privett, history has repeated itself, over and over and over again. His dedication to not only his field but also to his students has earned Privett praise and loyalty from students who credit him for their own academic success. He has established an outstanding record in teaching, professional development, and service to his campus and state that is evident year after year.

Professors are often judged by their published materials, research accolades, and other academic and professional achievements, but it is the students who reap the benefits of their knowledge. In Privett's case, it was the students who selected him as USC Sumter's Student Government Association Teacher of the Year seven times (1990-91, 1991-92, 1993-94, 1994-95, 1998-99, 2001-02, and 2003-04). In addition, he won the Distinguished Teaching Award for South Carolina Regional Campuses twice (1990-91, 1991-92) before it was discontinued after 1992. He was presented with the Hugh T. Stoddard Sr., Award in 1991 as the overall outstanding faculty member at USC Sumter. In 1994, his outstanding teaching was recognized with a certificate from the South Carolina House of Representatives.

## A CELEBRATION OF SCIENCE AT MIDLANDS TECHNICAL COLLEGE

To draw attention to the 2007 SCAS and SCJAS Annual Meetings, Midlands Technical College will sponsor a *Celebration of Science* during the preceding week featuring special speakers, science activities, and films open to all students and the general public at no charge.

## DIRECTIONS AND ACCOMMODATIONS FOR 2007 ANNUAL MEETING



### *Directions and Accommodations*

The Airport Campus of Midlands Technical College is located at 1260 Lexington Drive, West Columbia 29170 near the Columbia Metropolitan Airport. The Airport Campus can be easily accessed from either I-26 or I-20. ***Please note that Midlands Technical College has several campuses in the Columbia vicinity and that the 2007 SCAS Annual Meeting will be held at the Airport Campus of Midlands Technical College.***

The closest motel to the Airport campus is Sleep Inn at 2208 Airport Boulevard. The SCAS and SCJAS are being offered a discounted group rate of \$75.99 per room. To book reservations directly call Sleep Inn at 803-926-9260 and mention that you are either with the SCAS or SCJAS. However, there are a wide range of other accommodations located in Columbia near the general vicinity of the Airport Campus of Midlands Technical College, many of which are offered at reduced group rates. Contact Dr. Tom Reeves prior to March 1, 2007 at [reevest@midlandstech.edu](mailto:reevest@midlandstech.edu) or telephone 803-822-3554 for further information pertaining to accommodations.

Make plans now to participate in the 2007 SCAS Annual Meeting. Encourage your students to attend as well. We are working diligently to make this an event that you will not want to miss. We hope to see you at the Airport Campus of Midlands Technical College on April 20, 2007!

## PROPOSED CONSTITUTIONAL AMENDMENT :

The following will be considered at the business meeting during the annual meeting:

### ARTICLE X. MIDLANDS REGIONAL SCIENCE FAIR

#### Section 1.

The South Carolina Academy of Science Midlands Science Fair, also known as the Region II Science and Engineering Fair shall be a subsidiary organization of the Academy. The Academy shall assist the Midlands Regional Science Fair by providing financial oversight to aid it to provide a regional science fair to encourage an interest in science and engineering among students that region of South Carolina.

#### Section 2.

The Officers will consist of at least three persons: The Science Fair director, an Executive director, and a member of SCAS appointed by the SCAS president with the approval of Council. The sole purpose of SCASMRF is to raise funds to operate a regional science fair in the Midlands Region and to send delegates to the International Science and Engineering Fair (ISEF).

#### Section 3.

The affairs of the Midlands Regional Science Fair shall be governed by a Board of Directors, which includes the officers listed in Section 2 and other interested persons, as specified by the Bylaws of SCASMRF. These Bylaws shall be revised by the Board of Directors of SCASMRF, and shall be ratified by the Council of the Academy.

### Greenville Hospital System (GHS) Scientists Provide Mentoring, Research Opportunities for Area Students

Since 1994, the GHS Division of Reproductive Endocrinology and Infertility has provided medical research training in the fields of Andrology and Embryology to students from area schools and universities.

Over the last decade, three core criteria have emerged as central to the program. Students who participate in this research program commit to perform the following: 1) dedicate a maximum amount of time and energy to their research project; 2) present his or her project at a state, regional, or national meeting; and 3) develop a manuscript to submit to a journal for possible publication.

To date, 37 students from four different schools representing five academic departments have conducted research in the Assisted Reproductive Technology (ART) Laboratories. Specifically, two high school students, five B.S. degree students, 28 M.S. degree students, one medical student, two M.D. residents, and one Ph.D. candidate have completed projects through the program. Student researchers have given their presentations on the state, regional, national, and international level. They have published over 10 peer-reviewed journal articles in five different journals. Five students have presented or published two or more articles in conjunction with the ART laboratories.

Currently, three students are conducting research in these laboratories. The goal in mentoring is to provide opportunities for students to develop their potential and to provide high technology experiences that help separate them from their peers.

For more information, contact William R. Boone, Ph.D., or H. Lee Higdon III, Ph.D., at 864-455-1608.

**2007 Annual Meeting**  
**Instructions for Abstract Submission and Poster Presentations**  
*David Ferris, SCAS Bulletin Editor*

We are looking forward to your submissions!

Please read carefully before you submit your abstract or poster information:

- All posters are required to submit an extended abstract (manuscript) in electronic form to the SCAS Journal by May 1<sup>st</sup> for compilation into a “2007 SCAS Meeting Proceedings” publication. If you have any concerns regarding the publication of your extended abstract in the meeting proceedings please email me at the address below.
- **The deadline for abstract submission is February 24<sup>th</sup>, 2007.** The abstract submission page can be found via the SCAS home page at [www.scacadsci.org](http://www.scacadsci.org).
- Submission of an abstract does not register you for the meeting. Registration is not complete until your registration payment is received.
- All abstracts must be submitted electronically. Limit the use of special characters to those found in the Times New Roman and Symbol fonts. Please “play around” with the abstract submission page and proofread before clicking on the “submit” button.
- If you must correct an abstract after submission, please reference the abstract number in your email to me.
- If you have any difficulty submitting your abstract(s), need to include atypical special characters or formulae, or have any questions, please feel free to contact me at [dkferris@uscupstate.edu](mailto:dkferris@uscupstate.edu).

**Presenting at the 2007 Meeting? Important Information!**

SCAS session rooms at Midlands Technical College are equipped with computers, PowerPoint software, document cameras, and projectors. Powerpoint files must be on a compact disk. Label your CD clearly with the presenter’s name and presentation title. Please give your CD to the session moderator prior to the morning or afternoon session start. Due to time constraints, individual computers cannot be connected to the projection system and video (DVD/VHS) presentations cannot be accommodated.



The only supported CD formats are those read by Windows-based computer systems. Presenters are encouraged to bring printed copies of presentations as a back up in case of computer failure. Remember Murphy’s Law? Storage media such as 3.5” floppy disks, “Zip” disks, DVD’s, and USB flash drives are not supported. Please follow these guidelines to ensure your presentation goes smoothly!

## Tentative Conference Schedule

**Thursday, April 19, 2007**

**6:00-8:00 PM**

**SCAS Council Meeting and Dinner** TBA

**Friday, April 20, 2007**

**7:30 AM – 7:00 PM**

**SCAS Annual Meeting**

**7:30 AM – 2:00 PM**

**Registration, SCAS & SCJAS**  
Academic Center, Auditorium, 1<sup>st</sup> Floor

**8:30 AM - 10:30 AM**

**SCAS Morning Session\***

**8:30 AM – 10:30 AM**

**Poster Session, Authors' Present**

**9:30 AM – 10:30 AM**

**SCJAS *Science In the News* Competition**

**11:00 AM**

**Plenary Session** Academic Center  
Auditorium, 1<sup>st</sup> Floor

Welcome:

Dr. Marshall White  
*President, Midlands Technical College*

Introduction of Speaker:

Dr. Thomas Reeves, Midlands Technical College  
*SCAS President-Elect and Program Chair*

Keynote Presentation:

Dr. Michele Dominick Bishop  
*Professor of Gastroenterology and Hepatology  
Mayo Clinic, Jacksonville, Florida*

Awards Presentation:

Dr. Hans-Conrad zur Loye, USC Columbia  
*SCAS President*

Introduction of New  
SCAS Council Members:

Dr. J. David Gangemi, Clemson University  
*SCAS Vice President*

**12:15 PM – 12:30 PM**

**SCAS Business Meeting** Academic Center  
Auditorium, 1<sup>st</sup> Floor

**12:15 PM – 1:00 PM**

**SCAS and SCJAS Lunch**

**12:30 PM – 1:15 PM**

**Dr. Bassam Shakhashiri Demonstrations**

**1:30 PM – 3:30 PM**

**SCJAS *Speaking of Science* Competition**

**1:30 PM – 3:00 PM**

**SCAS Afternoon Session A\*\***

**3:15 PM – 5:15 PM**

**SCAS Afternoon Session B\*\***

**5:30 PM – 6:30 PM**

**Featured Speaker: Mr. Howard Burnham**  
*On the Shoulders of Giants*

**6:30 PM - 7:45 PM**

**SCJAS Awards Banquet**

\* *Chemistry and Biochemistry, Molecular and Cell Biology, Field Biology, Physics/Astronomy*

\*\* *Chemistry and Biochemistry, Pharmacy/Psychology, Public Health, Molecular and Cell Biology, Field Biology, Physics/Astronomy, Math/Computer Science/Statistics, Geography and Geological Sciences, Nanoscience*



Let's celebrate! Join the South Carolina Aquarium for Very Important Teacher Day as we celebrate the teachers of South Carolina. We'll end National Teacher Appreciation Week with a huge "Thank You" as we show our appreciation for the teachers of South Carolina. The event will take place on Saturday, May 5, in Liberty Square at 100 Aquarium Wharf, from 11:00 a.m. to 2:00 p.m.

We're inviting teachers from across the state and their families to spend a day learning about the wonderful educational opportunities we all offer. We'll offer exhibits for the adults and activities for the kids. This is your opportunity to present your educational materials to the teachers. Please join us to make this a successful event.

Exhibits will be open from 11:00 a.m. until 2:00 p.m. Each exhibitor will be provided a 10 x 10 tent, a six-foot table and chair. Exhibitors should plan to arrive between 9:30 a.m. and 10:30 a.m. to set up exhibits. Exhibits will be dismantled and removed after 2:00 p.m. Exhibitors are asked to refrain from selling products in Liberty Square, but are encouraged to provide "freebies" for the teachers.

I have enclosed an exhibitor form. Please complete it and return before Friday, April 6. Feel free to call me if you have any questions. My contact information is listed below.

Please join us as an exhibitor to show our appreciation for the dedication and commitment the teachers of South Carolina exhibit each day.

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**Teacher Appreciation Extravaganza - Exhibitor form  
May 5, 2007**

Organization: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Address: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Day Telephone: \_\_\_\_\_

Facsimile Number: \_\_\_\_\_

Description of Exhibit and Activities: \_\_\_\_\_

\_\_\_\_\_

Exhibit Needs: Table(s): \_\_\_\_\_

Electricity: \_\_\_\_\_

Other Needs: \_\_\_\_\_

**Please return this form by Friday April 6, 2007**

**via mail or facsimile to:**

Brian Thill, South Carolina Aquarium

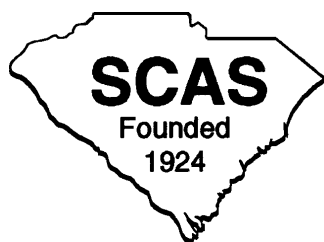
School Programs Manager

100 Aquarium Wharf

Charleston, SC 29401

FAX: (843)-579-8511

E-mail: [bthill@scaquarium.org](mailto:bthill@scaquarium.org)



## South Carolina Academy of Science Officers

### President

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### Undergraduate Research Awards

Chair / N. Dwight Camper,  
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### President-Elect

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### Executive Director, SCJAS

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864 282-3732/FAX 864 282-3717  
farmermh@aol.com

### Councilors:

Radman M. Ali, Chair, Morris College  
Sharon Gilman, Coastal Carolina Univ.  
Cassandra Runyon, College of Charles-  
ton  
Karin Beaty, Midlands Technical College  
Lucia Pirisi-Creek, USC School of Med.  
Peter Fichte, Coker College  
George Shiflet, Wofford College  
Alvin Fox, USC School of Medicine  
Val Dunham, Coastal Carolina Univ.  
Judith Salley, SC State  
Melissa Riley, Clemson Univ.  
Donald Castillo, Wofford College

### Committee Members:

David McQuillan, USC Columbia  
Linda Sinclair, State Dept. of Education  
Tina Webb-Browning, State Science Fair  
Director  
John Inman, Presbyterian College  
Val Dunham, Coastal Carolina Univ.  
Tom Roop, Francis Marion Univ.  
Tom Falvey, SC State Museum

### MESAS Directors:

Don Jordan, Midlands MESAS  
Mary Whaley, Lowcountry MESAS  
Tom Roop, Sandhills MESAS  
Paige Ouzts, Western MESAS

### Executive Assistance To The Council:

Anthony Kurlychek / USC Columbia  
College of Arts and Sciences  
Science Education Center  
Sumwalt Rm. 321  
Columbia, SC 29208  
803 777-8759/FAX 803 777-4396



**THE SOUTH CAROLINA  
ACADEMY OF SCIENCE**

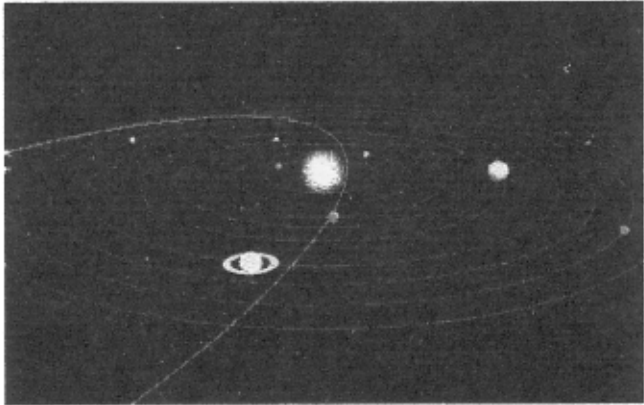


**Purposes**

**History**

**Activities**

**Meetings**



**Membership**

**Governance**

**Advantages**

**Awards**

**Science  
Fairs**

**SCJAS**

**Discovery  
Fairs**

**MESAS**

**Metric**

[www.erskine.edu/scas/index.html](http://www.erskine.edu/scas/index.html)



**South Carolina Academy of Science  
NEWSLETTER  
J.L. Safko, Treasurer  
Physics and Astronomy  
University of South Carolina  
Columbia, SC 29208**

**PRESORTED  
FIRST CLASS MAIL  
U.S. POSTAGE  
PAID  
PERMIT # 25  
TAYLORS, SC 29687**