



THE DAYTON SECTION

Fostering scientific education and research and promoting public understanding of science

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BULLETIN**New Year's Issue 2007****Meetings****Feb 17-18: TechFest 2007****March 1: Poster Session & Patterson College Chemistry Awards****March 14: The Secrets of Food Revealed****Section News and Other Stuff**

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DATE MATERIAL - MEETING ANNOUNCEMENT - DO NOT DELAY

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American Chemical Society
Dayton Section
Eugene M. Kettering Center
140 East Monument Avenue
Dayton, OH 45402-1267

UPCOMING MEETINGS

FEBRUARY 17-18

MIAMI VALLEY TECHFEST 2007

Time: Saturday, Feb 17, 10 AM–6 PM; Sunday, Feb 18, 11 AM–5 PM

Venue: Sinclair Community College Ponitz Center (Bldg. 12); Parking is Free!

See enclosed flyer.

This is a free event about sharing and learning about math, science, engineering, and technology – past present and future – for the entire family. Explore over sixty interactive science and technology demonstrations, exhibits, and games hosted by dedicated volunteers and practicing professionals and prepared by Dayton/Miami Valley professional societies, universities, industry, Air Force, and NASA. The Dayton Section of the American Chemical Society will be there again this year with a hands on demonstration exploring chemistry. Trust us; it'll be fun!

To volunteer, contact Joy Rogers (joy.rogers@wpafb.af.mil or 255-9718).

MARCH 14 – THE SECRETS OF FOOD REVEALED

A JOINT MEETING WITH THE CINCINNATI SECTION

Venue: Beckett Ridge Country Club, West Chester, OH

Speaker: Shirley O. Corriher

Social: 6:00 – 7:00 PM

Dinner: 7:00 – 8:00 PM

Talk: 8:00 – 9:00 PM

Directions: Take I-75 South to Exit #19. Turn right onto Union Center Blvd. and drive West for ~2 miles to the light at Beckett Rd. Turn right, go up hill (~0.9 miles), and make the next right onto Beckett Ridge Blvd. The Country Club entrance is on the right approximately 1 mile from the intersection. Drive slowly and watch for the small 'Country Club' sign on your right. The driveway runs up a steep incline and the main building is at the top. Ample parking is just to the right of the main building.

Shirley will tell her latest discoveries, adventures, and misadventures in the chemistry of food and recipes – everything from keeping green veggies green to The Saga of the Great American Pound Cake.

About the Speaker: Most people recognize Shirley as the “Mad Scientist” on *Good Eats* TV show. She has also appeared on: *Smart Solutions*, *Sara Moulton Cooking Live*, *Homecooking*, and *Nathalie Dupree*, and once on *ABC's Jimmy Kimmel Live* with Snoop Dog as her fry chef. Shirley Corriher was The Best Cooking Teacher of the Year In *Bon Appétit's* "Best of the Best" Annual Food and Entertaining Awards, 2001. In March 2004, Shirley received the prestigious Research Chefs' Holleman Award for outstanding achievement in technical communication. She is also in *Who's Who of American Women*, 2002 through present, and *Who's Who*. She has long been a leading food writer and syndicated columnist. Her book, *CookWise* was the James Beard Awards winner for Best Reference and Technique Book of 1997 and has sold over 200,000 copies. Shirley was a contributing editor and wrote a regular column for *Fine Cooking* for 10 years, 1994 through 2004, and she continues to write a regular syndicated column in *The Los Angeles Time Syndicate's Great Chefs Series* (1998-present), now the Chicago Tribune's Media Services.



The cost is \$20 (half price for students, retirees, and first-time ACS meeting attendees), including parking, dinner and one bar drink. Entrée choices are Seared Salmon with Tomato Butter or Chicken Cordon Bleu with Creamy Sage Sauce. A vegetarian option is also available. Contact Peter Mirau (peter.mirau@wpafb.af.mil or 255-9153) by March 9th for reservations.

UPCOMING MEETINGS

MARCH 1

ANNUAL POSTER SESSION AND PATTERSON COLLEGE CHEMISTRY AWARDS

Venue: University of Dayton, Kennedy Union Ballroom

Agenda: Poster Set-Up: 5:30 – 6:00 PM

Poster Judging: 6:00 – 7:00 PM

Poster Viewing: 6:30 – 7:30 PM

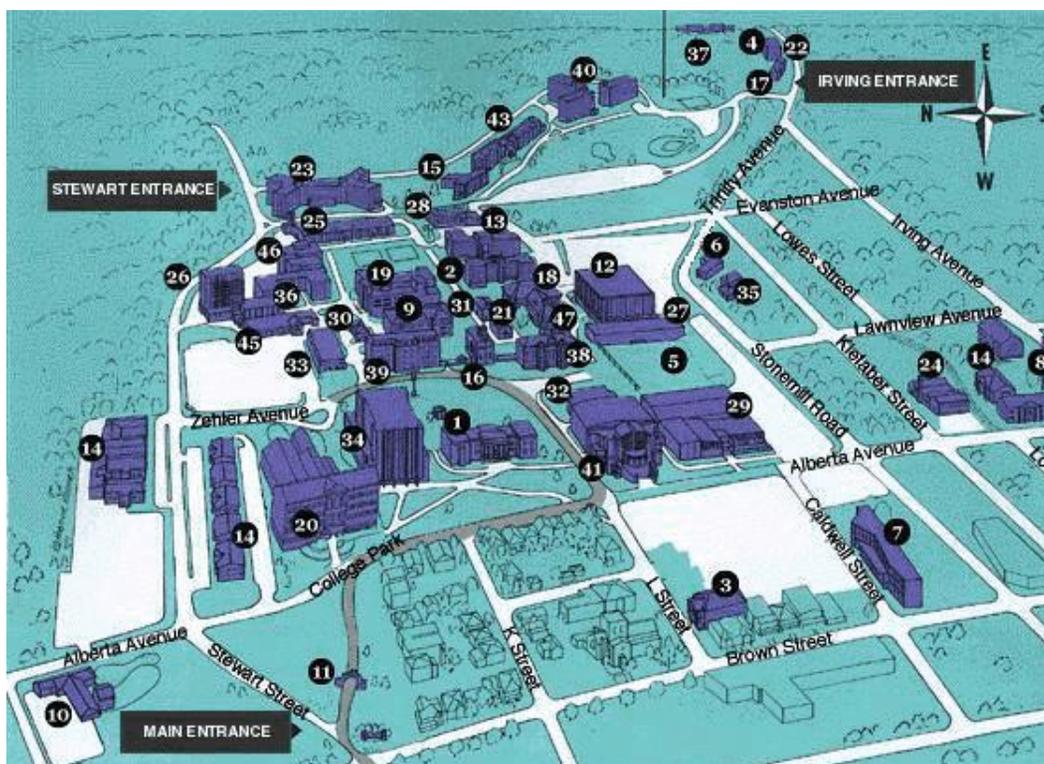
Awards Presented: 7:30 – 8:00 PM

The Annual Poster Session is a tradition of long standing in the Dayton Section. As last year, we will present four \$100 cash awards for the best undergraduate and graduate poster presentations. The Dayton Section Officers invite you, your colleagues, and students to present a poster relating to any area of chemical research. Complimentary food and drink will be provided by the Section.

The annual Patterson College Chemistry Awards, sponsored by the Dayton Section, will be presented to an outstanding junior chemistry major at each college and university within the Section's boundaries.

Call for Abstracts

Abstracts of 250 words or fewer should be sent by close of business Friday, February 23, 2007 to Jon Slagle at jonathan.slagle@wpafb.af.mil. For students, please indicate on the abstract if you would like to be considered for an award and if you are an undergraduate or graduate student. Please use standard ACS abstract format (example on <http://www.udayton.edu/~acs/abstract>).



The John F. Kennedy Memorial Union is Building 19.
See <http://www.udayton.edu/campusmap/map.html> for more detail.

IN REMEMBRANCE OF BROTHER JOHN LUCIER

Bro. John Lucier, S.M., a former University of Dayton Chemistry Chair, distinguished service professor, and Dayton-Section volunteer, died May 26th last year at age 88. The funeral Mass took place at UD's Immaculate Conception Chapel on June 3rd. For nearly 60 years, Lucier was a daily presence on campus, earning a reputation as one of UD's most respected and popular professors. His colleagues remember him not only as a great scholar but also a visionary for combining the sciences with the arts.

"Bro. John Lucier was a scholar, a scientist, a dedicated teacher and a man of faith," said the Rev. James L. Heft, S.M., University professor of faith and culture and chancellor. "In the 1960s and 1970s, when the University of Dayton began to become a nationally recognized Catholic university, John was in the forefront of many of the campus debates, including those on general education and academic freedom." The Rev. Heft added: "As a member and later chair of the chemistry department, he insisted on a language requirement for all chemistry majors, a requirement that still stands. He loved the German language, and took great care in writing for the Province newsletter clear and thoughtful reflections on recently deceased fellow brothers. I was privileged to live with him for 11 years at Alumni Hall on campus."

Born in Detroit in 1917, Lucier credits the Great Depression with motivating him to join The Society of Mary (Marianists), a Roman Catholic religious order of brothers and priests. He came to Dayton at the age of 13 to attend Mount St. John Preparatory School and professed first vows as a Marianist in 1934 and perpetual vows in 1939. He graduated from UD in 1937 with a bachelor's degree in chemistry.

After teaching high school chemistry in Cincinnati, Dayton, Cleveland and Minneola, NY, Lucier returned to serve at his alma mater. He taught for two years before attending Western Reserve University (now Case Western Reserve) in Cleveland, where he received a doctorate in chemistry.

He returned to UD in 1951, and for the next 45 years devoted himself to science as a professor of chemistry. He served as chair of the chemistry department from 1964 to 1980. During his tenure, Lucier worked on a nuclear testing project with Wright-Patterson Air Force Base called Operation Upshot-Knothole, in which he devised temperature-measuring devices to gauge the effects of the atomic bomb. As a result, he was invited to witness A-bomb testing in the Nevada desert.

Lucier also conducted scientific research in the field of infrared spectroscopy, a powerful tool used in organic chemistry to study organic compounds. He published research and presented papers at several national and international scientific meetings. He was a member of the American Chemical Society's governing council and patent law committee and served as the Chair of the Dayton Section in 1956. He also was active in other professional science organizations, including the American Association for the Advancement of Science, the Society of Applied Spectroscopy, the Coblenz Society, the Chemical Society of London and the American Association of University Professors. Lucier published articles in a number of professional science journals.

At the age of 86, he was still giving tours and relating the history of the UD campus to students. A special point of interest on the campus tour was the Brother John J. Lucier Instrumentation Center, a UD science laboratory named in his honor.

During his many years in the classroom and more than 70 years as a Marianist, Lucier felt relationships were key. As a teacher, he promoted interaction in the classroom and challenged students to come to class prepared so they could ask questions. In 1984, he wrote, "Through education, we reach great numbers of souls, and we do so in some depth. All the preparation, the years of study and the daily hard work are worth every minute of it."

Edited from the original version on http://universityofdayton.blogs.com/local/2006/06/bro_john_lucier.html

RESULTS OF THE 2006 DAYTON SECTION ELECTIONS

We received 30 ballots in all — about 6% of the membership and typically low for a local section. Dr. Rajiv Berry was elected Chair-Elect and Dr. Larry Drummy Treasurer. Dr. Peter Mirau takes over as Chair and Dr Hilmar Koerner will offer sage advice as Immediate Past Chair. Ms. Kristi Singh returns for her 2nd year as Secretary and Dr. Steve Trohalaki will complete his 3-year term as Councilor. The Section offers its heartfelt thanks to Drs. Joy Rogers and Rachel Jakubiak for their service as Chair and Treasurer, respectively. Joy will continue as National Chemistry Week Coordinator and Rachel has accepted an appointment as Alternate Councilor, filling the vacancy created by Rajiv's necessary resignation.

Newly Elected Officers

Special Appointment

Outgoing Officers



Rajiv Berry
Chair-Elect



Larry Drummy
Treasurer



Rachel Jakubiak
Alternate Councilor



Joy Rogers
Immediate Past Chair
"Good bye Dayton ACS;
Hello American Idol!"



Rachel Jakubiak
Treasurer

Returning Officers



Peter Mirau
Chair



Hilmar Koerner
Immediate Past Chair
(German passport photo)



Kristi Singh
Secretary



Steve Trohalaki
Councilor
(current photo unavailable)

Match the Section Volunteers to Their New Year's Resolutions

- | | |
|------------------------------------------------------------------------------------------------------|-----------------|
| 1. I resolve to return to our 50-year members the Golden Buckeye Cards I sold to illegal aliens. | a. Jon Slagle |
| 2. I resolve, by hook or by crook, to become an honest woman. | b. Rachel J. |
| 3. I resolve, for at least once in my life, to let my ringing cell phone go to voice-mail. | c. Steve T. |
| 4. I resolve to drink less during preparation of the <i>Bulletin</i> but more during Board Meetings. | d. Joy Rogers |
| 5. I resolve to destroy all media copies of "Hogan's Heroes." | e. Rajiv Berry |
| 6. I resolve to chew more gum. | f. Kristi Singh |
| 7. I resolve to find someone who will stop me before I volunteer again. | g. Peter Mirau |
| 8. I resolve to ditch these old farts the first chance I get. | h. Venkat |
| 9. I resolve to use my powers for good, not evil. | i. Hilmar K. |

Send in the correct answers and win a free dinner!

PAST MEETINGS

Mmmmmm ... Chocolate!

On October 3rd the Section held its second meeting at Dorothy Lane Market at the Springboro location; we previously held our Coffee meeting there in February 2006. This time the topic was Chocolate and its temptations, including the chemistry behind the flavor and the resulting feeling of euphoria. We are grateful to Joe A. Vinson for a mouth-watering presentation and Dorothy Lane Market for providing meeting space and terrific desserts.

Professional Practices

The Dayton ACS-sponsored annual Professional Practices Dinner Meeting was held at the Wellington Grille on November 13th at 6:30 PM. Although three honorees this year reached the milestone of 50 years of membership with the ACS, only one of them, Dr. Lois Anna Cook, was present to receive her award — a certificate from the National ACS and a plaque of recognition from our section. Dr. Cook has enjoyed a long and distinguished career, notably in the area of Science education in Ohio. Prominent among her honors are her induction into the Ohio Women's Hall of Fame (1985) and her mention in the World Who's Who of Women in Education (1978). Dr. Cook has also held several important offices during her long association with both AAUW (American Association of University Women) and the Ohio Academy of Science, to name just a few.

After the felicitation, Dr. Cook made an informal speech, sharing some of her career experiences with the audience; she made a special reference to the Science Education projects she had devised and successfully implemented for the high school students in Ohio and passed around illustrations of her work. That indeed was the highlight of the evening. We also thanked our outgoing officers Joy Rogers (Immediate Past Chair) and Rachel Jakubiak (Treasurer) for making 2006 a successful year.

National Chemistry Week

For 2006 a special event was held at the Washington-Centerville Public Library on Sunday, October 22nd celebrating the theme “Your Home – It’s All Built on Chemistry”. We only had a turnout of about 30 children along with their parents, which was probably because it was a Sunday. The children had an overwhelming response, saying that it was “awesome”. We had several experiments, including making small house ornaments out of clay and then baking them in a toaster oven to show how bricks are made for building homes. They also painted the ornaments. We had several examples of how polymers are used in the home, including PVC pipe, caulk, carpet, and vinyl flooring. To demonstrate how polymers are made, we had the children make slime from polyvinyl alcohol. Lastly we had a demonstration on inks and dyes provided by Wayne Cook. We give a special thanks to all of the volunteers that day. They include: Rachel Jakubiak, Kristi Singh, Wayne Cook, Eric Beckel, Doug Krein, Laura Wright, Brandon Vanness, Greg Storer, Steve Ballmer, Ben Southerland, and Joy Rogers. See photos at right. 

ANNOUNCEMENT: THE PATTERSON HIGH-SCHOOL CHEMISTRY COMPETITION AND REGIONAL CHEMISTRY OLYMPIAD QUALIFYING EXAM

Attention: High School Chemistry Teachers

The 2007 Patterson High School Chemistry Competition will be held on March 10th from 9:00 AM – 10:30 AM in Room 101, Fawcett Hall at Wright State University. The competition is open to students in Montgomery, Miami, Greene, Darke, Clark, Preble, and Champaign Counties. Students need to bring nonprogrammable calculators; everything else will be supplied. This exam doubles as the Regional Chemistry Olympiad Qualifying Exam. See enclosed flyer.

The most outstanding student from each school, identified by their scores on a multiple choice chemistry exam, will receive a plaque from the Dayton Section. In addition, each top scorer from the exam may submit an essay on “Chemistry and Its Relevance to Me” for cash awards: \$1000 (1st Place), \$500 (2nd Place), and \$250 (3rd Place). The top 8 students (only 2 from the same school) will also qualify to take the regional Chemistry Olympiad exam for the National Team. During the examination students will be allowed to use nonprogrammable calculators. All other reference charts will be provided. Parking will be available in surrounding student and public parking facilities. There will be no registration fees. All students taking the test must be currently enrolled in and/or have completed a high school chemistry course. If you wish to learn more about the competition, please contact Cindy Hasler at 937-848-3737-x12217 or at chasler@woh.rr.com.

THE VALUE OF NCW: Balloons and streamers: \$3.99; Temperature-sensitive pens from ACS: \$5.99; A few liters of polyvinyl alcohol: \$8.99; Snagging one more community activity for your med-school applications: PRICELESS!



The calm before the storm: ACS student affiliates from Wright State University — Laura Wright, Greg Storer, Brandon Vanness, and Steve Ballmer — prepare for the arrival of students.



It's a little known fact that chemists are like construction workers: while one works, at least two observe. Here, Eric Beckel uses slime to demonstrate to a future chemist the properties of polymers.

PERCY LAVON JULIAN: FROM SYMPOSIUM TO FILM

Airing in February, NOVA's "Forgotten Genius" celebrates the life and career of a pioneering African American chemist.

In March 1999, at the spring national meeting of the American Chemical Society in Anaheim, Calif., producers from the television program NOVA dropped in on a symposium celebrating the 100th anniversary of the birth of pioneering African American chemist Percy Lavon Julian (1899-1975). Neither the producers nor the symposium organizers anticipated at that time that the encounter would develop into a long-term relationship. Now, the product of that initial meeting—a film biography titled "Forgotten Genius" about the life and career of this 20th-century scientist—is scheduled to premier nationally on PBS in February, and ACS is front and center in promoting it.

"This is the single most effective opportunity that ACS has ever had to communicate to the public the message of who chemists are and what they can do," said District I Director Anne T. O'Brien, chair of the ACS Board of Directors' Percy Julian Task Force. She pointed out that NOVA, with 6 million to 7 million viewers, has the largest audience of any science program on television. "This should reach more people than perhaps any other ACS effort."

ACS has been supporting the film since its inception. In 2001, the board approved \$102,000 in critical funding to help initiate the filming of elderly Julian colleagues and friends. And at the national meeting last month in San Francisco, the task force held an all-day presidential symposium, sponsored by the Committee on Minority Affairs (CMA), and cosponsored by 14 ACS divisions and committees, to celebrate Julian's life and to raise awareness about the film.

"That Julian's story is to be featured on NOVA is a signal moment not only in scientific history but also in American history."

The symposium began with recollections from scientists who had worked with Julian or were intimately connected to his research. For example, Arnold L. Hirsch, president of AgD Nutrition, worked with Julian for 10 years and recounted the evolution of Julian's distinguished career. James C. Letton, retired Victor Mills Research Fellow at Procter & Gamble, described what it was like to work for Julian during the height of his career. Robert Aslanian Sr. of Schering-Plough and former ACS president Ned D. Heindel discussed Julian's contributions to steroid chemistry and the physostigmine synthesis, the latter of which became a National Historic Chemical Landmark (C&EN, May 17, 1999, page 80).

During the afternoon session, Julian's children, Percy L. Julian Jr. and Faith Julian, described how their father overcame prejudice and discrimination and taught them the value of hard work. The producers of the film offered a behind-the-scenes look at how the movie was made. The symposium concluded with a 20-minute sneak preview of the movie.

"The film is an excellent representation of the life and career of Percy Julian," said symposium chair James P. Shoffner, who has been instrumental in moving the project forward. "Since I lived through some of those times, I can vouch for the honesty and integrity of the film."

Joseph S. Francisco, chemistry professor at Purdue University and keynote speaker during the CMA luncheon, told C&EN that watching the excerpt "made a lot of things about this man come alive." He pointed out that a lot of what Julian experienced still exists. "The scenery's different, the context is different, but many African American chemists are still struggling with some of the same issues," he said.

Willie Pearson Jr., professor of history, technology, and society at Georgia Institute of Technology and author of the 2005 book "Beyond Small Numbers: Voices of African American Ph.D. Chemists," agrees. "Despite more than a hundred years of participation in science, there remains very little written about the African American presence in science," he said in his talk during the symposium. "That Julian's story is to be featured on NOVA is a signal moment not only in scientific history but also in American history. A lot of people are not aware of how significant this is."

Shoffner pointed out that the film celebrates not only an African American chemist, but also an industrial chemist. "ACS has not always given its industrial chemists the type of recognition for their contributions and exploits as it should have," he said.

Julian's story will be part of NOVA's "Lives in Science" series, which includes Albert Einstein, Galileo, and Isaac Newton. NOVA wanted its fourth film to be about an African American scientist.

At the 1999 symposium in Anaheim, the producers of NOVA immediately recognized that Julian's story needed to be told. Despite his many achievements in synthetic chemistry, his story is largely unknown. "The reason we chose Julian is that his story had everything that you could want in a television program," said producer Stephen Lyons.

The son of a railway clerk and the grandson of slaves, Julian was born in Montgomery, Ala., on April 11, 1899. He graduated as valedictorian from DePauw University and went on to receive a master's degree in chemistry from Harvard University and a Ph.D. in chemistry from the University of Vienna. After returning to the U.S., he and colleague Josef Pikl achieved the total synthesis of physostigmine, a drug used to treat glaucoma. Despite his achievements, he was denied faculty positions at a number of universities, including DePauw, his alma mater.

Frustrated, he turned to industry, but that, too, led to disappointment. One day, a door opened for him. W. J. O'Brien, a white vice president at Glidden Co. in Chicago, heard about Julian's accomplishments and offered him a position as director of research for Glidden's Soya Products Division. Over the next 18 years, Julian's work led to breakthrough products, including soy protein, which was adopted by the Navy during World War II for fire-fighting foams, and intermediates for the preparation of commercial quantities of synthetic progesterone and hydrocortisone. The latter was a significant advance in the treatment of rheumatoid arthritis.

continued, next page

Discrimination persisted, however. Percy L. Julian Jr. recalled the day someone tried to burn down their home in Oak Park, Ill., and the day a bomb was thrown at their house. His sister Faith said her father never stopped dreaming or believing in himself.

The latter part of Julian's career saw the establishment of Julian Laboratories and subsequently the Julian Research Institute. In 1973, Julian became the first African American chemist to become a member of the National Academy of Sciences. He died of cancer on April 19, 1975.

Julian faced overwhelming obstacles during his life, and so did the NOVA team in telling his story. They quickly realized they had a huge obstacle in front of them: There were no books written about Julian. The only resources they had were a biographical sketch written by Julian's friend Bernhard Witkop of the National Institutes of Health, a *Reader's Digest* article from the 1940s, a 1993 article by Stu Borman in C&EN, and a few scattered press clippings. "That was it. That was the whole foundation that we had to work with," Lyons said.

"The sensible thing, the smart thing, the sane thing, would have been to wait for the book," he said. "But we were just so compelled by the Percy Julian story that we just swallowed hard and plunged in." NOVA received \$120,000 in initial funding from the Camille & Henry Dreyfus Foundation to begin its research.

A second obstacle was that many of Julian's friends and colleagues were elderly. It became a race against time to get their testimonies on tape. NOVA was able to complete the interviews with the help of ACS funding. "That was a critical decision because a number of those people died before we began producing the film, yet their stories live on in the film, and they give the film an immediacy that is extremely unusual for a film like this," Lyons said.

Other supporters that helped make the film a reality include the Alfred P. Sloan Foundation, the National Endowment for the Humanities, and the National Science Foundation. The final cost of the film was \$2 million.

By the end, the film crew had interviewed some 60 people in 10 states. Among those were family members, friends, and former students. Lyons pointed out that some interviewees made heroic efforts to participate. One of Julian's students at DePauw, Ed Meyer, could barely walk or hear by the time the crew found him. "Yet he made two trips to a hotel in Chicago to come and talk to me and share his memories of Percy Julian," Lyons said.

Another DePauw graduate and Julian's right-hand man at Glidden, Wayne Cole, was frail, but his mind was amazingly sharp, Lyons recalled. Cole described the processes for handling soybeans that he and Julian developed 60 years ago as if it were yesterday.

Ray Dawson, who worked as an undergraduate with Julian on the synthesis of physostigmine in the 1930s, described in vivid terms the conditions they worked under and the amazing feeling they had when they finally completed the synthesis.

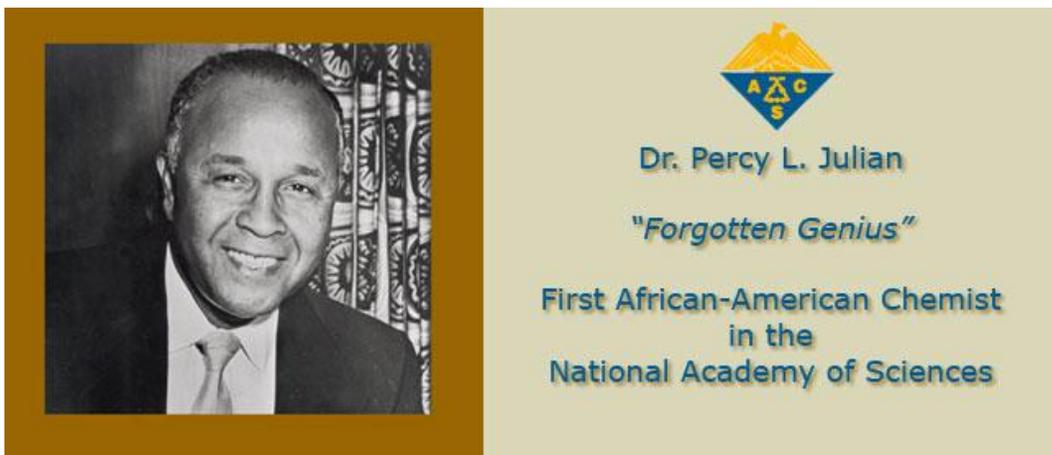
"As a result of all these interviews, we now have more than 2,000 pages of transcripts," Lyons said. He noted that after the broadcast, those transcripts will be donated to an archive of the Julian family's choosing and become a valuable resource for future scholars who want to study Julian's life and career.

The impact of this film on the public remains to be seen, but Shoffner believes it will become a powerful educational tool. He pointed out that public schools around the country are mounting a major effort to incorporate information from the film into their educational programs. "Already I think there are indications of the impact that it will have," Shoffner said.

The task force is hosting a Prescreening Celebratory Event on Jan. 23, 2007, at the National Academies building, in Washington, D.C. The screening is expected to draw some 600 people, including lawmakers, educators, the media, and ACS members and governance. ACS's O'Brien said she hopes attendees will bring word of the film back to their local sections and communities.

In addition, O'Brien said she hopes this collaboration with NOVA opens the door to future projects. She believes that because of this film, the producers have become more interested in chemistry as a subject for NOVA. "It's clear that they are enthusiastic about this project, and it has increased their interest in chemistry," she said. The film combines real-life testimonies with dramatizations of Julian's life. Tony Award-winning actor Ruben Santiago-Hudson plays Percy Julian. The two-hour special is expected to air nationally on PBS on Feb. 6, 2007, during Black History month.

Reprinted from C&EN



Alzheimer's Avoidance Therapy* – Answers from Last Edition

Apparently, the Editor is not quite the Puzzle Master he thinks he is. Either that or he's suffering from an early onset of Alzheimer's. Wouldn't *that* be ironic? The circles and squares in AAT in the last edition of the *Bulletin* were screwed up. Please find at right the unscrambled answers with the highlighted letters (in circles) as they should have appeared. Now, use these letters to solve the riddle, which is reproduced below. Answer next edition!

V	A	L	I	U	M	
B	U	T	A	N	O	L
O	S	M	I	U	M	
E	S	T	R	I	O	L

When the disgruntled British chemist met his new office-mate – a newly hired American– he asked what his specialty was. The American answered, "I like working with aerosols." "Well then," the Brit replied, "you'll just



*Surveys suggest that that mental exercises, including word puzzles, may delay the progression of Alzheimer's Disease.

Announcing a New Feature for AAT: *Su Doku for Chemists!*

Using the following elements:

H	He	Li	Be	B	C	N	O	F
---	----	----	----	---	---	---	---	---

fill in the grid below so that each row, column, and 9-element subcell has only one occurrence of each element.

				O	N			Be
		H			He	Li		N
			B	H			C	
	B	He	N			F	Be	
	C	O						
	Be							Li
	Li							
	N					H		F
		Be				O	Li	

Parting Words from the 2006 Chair

When I started as Chair last year, my main goal was to get more members excited about supporting our local section and attending events, considering only 10% of our 450 members typically show up. The year started out promising with large turnouts for a great joint meeting with the Cincinnati Section (at a wonderful venue) and for our St. Valentine's Day Coffee meeting. As the year progressed, however, things got back to normal.

Improvements were made on other fronts, however. We introduced mass-email announcements to reach more members. Although this did not seem to help meeting attendance, we did experience a better response from members volunteering for Tech-Fest and National Chemistry Week. I'm grateful to these members for making their precious time available to help improve the Section's relationship to the younger people in the Dayton area.

I am not giving up yet, though, and I would like to know what we need to change to make it more interesting for you. Living in the era of cyberspace, I will try this with an updated and more interactive website. This new site will start sometime this spring. The location will be "DaytonACS.org". It will include a bulletin board and I truly hope to see you there discussing events, meetings, job searches, and other topics of interest.

Finally, I sincerely thank all our members who helped out in setting up and participating in meetings. I had a lot of fun and I hope you did as well.

Have a great 2007, in which I will undoubtedly see you continuing to support our group!

Hilmar