



GEORGIA SECTION

MEETING Announcement



Thursday, September 15th, 2016

The 82nd Annual Herty Award Celebration

**Honoring Dr. Brooks H. Pate
University of Virginia
2016 Herty Award Medalist**

**"An Unlikely Renaissance: How a Series of
Technology Innovations Revolutionized the
Field of Molecular Rotational Spectroscopy"**

Location:

**Georgia Tech Hotel & Conference Center
800 Spring Street NW
Atlanta, GA 30308**

Directions: [Click Here](#)

Thursday, September 15th, 2016

6:00 pm Meet and mingle (cash bar)

6:30 pm Dinner

7:30 pm Herty Award Program

Menu:

Your choice of Chicken Marseillaise, Roasted Salmon, or Forest Mushroom Strudel

All entrees are served with chef's selection of fresh vegetables, warm rolls with butter, and a cafe salad (mixed greens with candied bourbon pecans, dried cranberries, cherry tomatoes, and goat cheese served with a raspberry vinaigrette).

Dessert: Strawberry Romanoff

Iced tea, coffee, and water are included.

RSVP by 5:00 pm on Sept. 12, 2016

@ <http://goo.gl/SMpA9W>

Price:

\$40 regular; \$30 retired, current ACS members;
\$30 K-12 teachers; \$20 students

Payment: At the door

Cash, credit card, or
check to: "Georgia Section ACS"

**Note: If you make a reservation and then do not
attend, you will be charged for the food as we have
to guarantee the amount of food prepared.**

Dr. Brooks H. Pate, University of Virginia,
2016 Herty Award Medalist

*"An Unlikely Renaissance: How a Series of
Technology Innovations Revolutionized the
Field of Molecular Rotational Spectroscopy"*

Bio: The 2016 Charles Holmes Herty Medal is awarded to **Professor Brooks H. Pate** at the University of Virginia. This award recognizes Prof. Pate for his work in revolutionizing molecular rotational spectroscopy and its applications in astrochemistry and analytical chemistry and for his service in mentoring diverse students through a summer undergraduate research program.



Dr. Brooks H. Pate is the William R. Kenan, Jr. Professor of Chemistry at the University of Virginia. He is a graduate of the University of Virginia with a BS degree in chemistry and physics. He performed his graduate work at Princeton University with Giacinto Scoles and Kevin Lehmann in the field of high-resolution vibrational spectroscopy. He was a National Research Council postdoctoral fellow at the National Institute of Standards and Technology (Gaithersburg, MD) working with Gerald T. Fraser. His research at the University of Virginia includes instrument development of broadband spectrometers for rotational spectroscopy and application of these methods to unimolecular reaction dynamics, the structure of molecular clusters, and chiral analysis of molecules.

Working with the National Radio Astronomy Observatory (NRAO) in Charlottesville, Dr. Pate has created public outreach programs in the field of astrochemistry. These activities include the creation of a traveling museum display project describing the origins of chemistry in the Universe.

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In collaboration with the Virginia/North Carolina Alliance (an NSF-funded LSAMP group) and NRAO he has organized a summer undergraduate research program in astrochemistry designed for early-career undergraduate students. The program has hosted more than 20 students largely drawn from the colleges and universities in the Virginia/North Carolina Alliance.

He is a fellow of the American Physical Society (2009). The research of his group at the University of Virginia has been recognized through the Coblentz Award (1999), John D. and Catherine T. MacArthur Fellows Program (2001), Earle K. Plyler Prize (2013), Bomem-Michelson Award (2013), William F. Meggers Award (2016), and the Charles Holmes Hertzy Medal (2016).

Pate Group Website: [The Pate Group](#)