PARADIGM SHIFT
Cultivating STEM Leadership to Solve Grand Challenges

The Science Gateways Community Institute is proud to sponsor computational chemistry presentations during the 2016 NOBCChE STEM Conference!

Join us Thursday, November 10, 10:15 am to 11:30 am in Room 205 for the following presentations:

Session Co-chairs: Dr. Sudhakar Pamidighantam and Dr. Linda Bailey Hayden
Jamel White, North Carolina Central University
Paraphenylene Based Ruthenium (III) Polypyridyl Polymers: Computational and Processing Studies
Kaye Archer, University of Pittsburgh
Proton-coupled Electron Transfer in [C5H5N(H2O)n = 3,4]−
Christopher Copeland, Jackson State University
Nature of π-Stacking Interactions of Aromatic Nitro Compound Derivatives on Boron Nitride Nanosheets
Marquita Watkins, Jackson State University
Chlorophenols Sorption on Multi-Walled Carbon Nanotubes: DFT Modeling Structure-Property Relationship Analysis

SGCI and NOBBChE are working together to create the next generation of chemistry gateway users

A Science Gateway is a community-developed set of tools, applications, and data that are integrated via a portal or a suite of applications, usually in a graphical user interface. Gateways allow Chemistry educators and researchers to use national resources through a common interface that is configured for optimal use. Gateways enable data sharing with collaborators and data publication for the benefit of the community.
NOBCChE/SGCI

Background

• Science Gateway received an NSF planning grant that was used to support student presentations at NOBCChE for 3 years.
• New Science Gateways Community Institute Grant supports your participation in the 2016 NOBCChE conference and participation in the recent SGCI conference in San Diego.

• NOBCChE Representatives to SGCI are:
  o Lydia Ruffner, Northeastern Univ.
  o Lauren Hagler, univ. of Illinois at Urbana Champaign
  o Tavina Offutt, UCSD
  o Adonay Sissay, Louisiana State University
  o Marquita Watking, Jackson State University
  o Christopher Copeland, Jackson State University
Special tutorial on for Students and Young Professions:

Getting Started with the Chemistry Gateway SEAGrid
The SGCI Young Professionals Network is a community for those just starting out as well as experienced researchers and educators who are beginning to use Science Gateways. Supporters of the Young Professionals Network serve as mentors, workforce development committee members, and hosts for Young Professionals activities.

**SGCI Young Professionals SPOTLIGHT on sciencegateways.org**
Shining the spotlight on the current and next generation of science gateway users and developers. These websites feature highlight young professionals and their work experiences, training, academic interests, hobbies, and vision.

**SGCI Young Professional of the Year Award**
Acknowledging a young professional member for notable achievement in the advancement of science gateways. Award includes a certificate plus an honorarium and website highlight.

**Young Professional Liaison to the SGCI Workforce Development Committee**
Have a voice in developing strategies for career growth and professional success.

**Networking Opportunities through Virtual Seminars**
Provides an opportunity to meet with gateway experts and other young professionals to expand your network. Focused on encouraging career growth, sharing accomplishments, and learning from others. Discover what young professionals can expect as they embark on their careers.

**Support for professional editing for your technical publications**
Designed to assist you in producing publications that are in a style that is polished and ready for submission.

http://sciencegateways.org/yp
Name __________________________________________________________
Mailing Address ________________________________________________
City ___________________ State ______ Zip Code ______ Affiliation ______
Email ___________________ Phone ________________________________

STUDENTS
What level student are you?  □ Undergraduate  □ Masters  □ PhD
Major/Discipline ________________________________________________

PROFESSIONALS
Highest degree earned?  □ Undergraduate  □ Masters  □ PhD  □ Other (please specify) _____________
Current Job Title ___________________ Time in Current Position _____________
Check all that apply
  □ I have attached a business card  □ I have attached a resume
  □ I have written a suggestion below for Young Professionals events, training, or opportunities

What internship/mentoring opportunities could you offer to students interested in science gateways?

What types of session formats (e.g., panels, tutorials, poster sessions, hackathons, etc.) would you recommend for programs for students and young professionals?

What content or topics would you consider to be important for future programs for students and young professionals?

What expertise do you have that we might include in a Young Professionals webinar or other training event?

What existing events or associations (e.g., conferences, workshops, and professional societies) would be good venues for offering SGI-oriented Young Professionals programs?

Please provide additional suggestions for enhancing our Young Professionals program.

Thanks for joining the SGI Young Professionals Network!
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