



## 2015 COMMUNITY COLLEGE DAY PANEL DESCRIPTIONS

### **The NIH Community College Summer Enrichment Program Experience**

In 2010, the Office of Intramural Training & Education launched the NIH Community College Summer Enrichment Program. Community college students had the opportunity to work with leading NIH scientists and participate in workshops that focused on developing skills that are essential to success in science. Hear about the research experiences of the CCSEP alumni and learn how you can prepare for a CCSEP experience in summer 2016!

### **Careers in Research**

Have you considered a career that combines basic and clinical research? Bench-to-bedside research translates basic science discoveries into therapies for disease and pathological conditions. Hear from basic scientists and clinical investigators at the NIH and biotechnology companies who have combined their expertise in medicine and research to develop treatments for diseases.

Oluwole Awosike, MD  
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Joe Duda, BS  
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Christine Stracener, MS  
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### **Non-Research Biomedical Careers**

Are you interested in biomedical careers outside of traditional laboratory research? Individuals from various science backgrounds will discuss their career paths and experiences in science policy, education/outreach, communication, public health and technology transfer.

Wendy Knosp, PhD  
Health Science Policy Analyst  
NIDCR Office of Science Policy and Analysis  
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Kenny J. Williams, BS  
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Emily Scarborough, PhD  
Technology Transfer Specialist  
National Cancer Institute  
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### **Careers in Nursing**

This panel brings together nurses who use their training in very different ways. They will discuss their educational/career experiences and their responsibilities at the NIH.

Sandra Cooper-Bennett RN, BSN, OCN  
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April Brundidge, BSN, RN  
Nurse Specialist, Research  
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Madia Ricks, RN, MPH, CDR, USPHS  
Research Nurse Specialist  
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### **Careers in Medicine, Dentistry, Veterinary Medicine & Pharmacy**

Are you considering going to medical or professional school? If so, please come hear these panelists discuss their experiences in medicine, dentistry, pharmacy and veterinary medicine.

Natalia Chalmers, DDS, PhD  
Pediatric Dentist (Clinical Fellow)  
National Institute of Dental and Craniofacial Research  
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Barry Goldspiel, PharmD, BCOP, BCPS  
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Peter Williamson, MD, PhD  
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### **Allied Health Careers**

This panel brings together professionals from various areas of allied health, such as physical therapy, laboratory medicine, phlebotomy, dental hygiene and health information management. The panelists will discuss their educational/career experiences and their responsibilities at the NIH.

Zavera Brandon, MPT, DPT, CBIS  
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Section Head, Coding and Abstracting  
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### **Careers in the Behavioral Sciences**

This panel will bring together professionals from various areas of behavioral health. If you are interested in pursuing a degree in behavioral sciences, come hear from individuals with backgrounds in psychiatry, social work, and psychology.

Elizabeth Ballard, PhD  
Clinical Psychologist  
Research Fellow  
Experimental Therapeutics & Pathophysiology Branch  
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Emily Hershenson, MSW  
Social Worker  
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Erica Richards, MD, PhD  
Clinical Fellow  
Experimental Therapeutics and Pathophysiology Branch  
National Institute of Mental Health  
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## **Health Careers in Mathematics, Engineering & Computer Science**

Do you have an interest in math, engineering or computer science? If so, please come and hear how scientists incorporate these areas in their careers. The panel will consist of individuals who work in bioinformatics, bioengineering, population studies and medical informatics.

Ben Busby, PhD  
Staff Scientist  
Medical Informatics  
Lister Hill National Center for Biomedical Communications  
[busbybr@ncbi.nlm.nih.gov](mailto:busbybr@ncbi.nlm.nih.gov)

John L Spouge, MD, PhD  
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Computational Biology Branch, National Center for Biotechnology Information  
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## **Faculty Breakout Session #1: The Biology of Skin Color: Free faculty resources from Howard Hughes University Medical Institute's (HHMI) Biointeractive and the Smithsonian Institute**

This workshop will focus on the biology of human skin color variation and its role in human health. Participants will see the short film, The Biology of Skin Color, and a new interactive on human skin color. Together, these resources guide students through the science behind skin coloration, the interplay between genetics and the environment, and the protective role of the integumentary system against certain birth defects, vitamin D deficiencies, and cancer.

Melissa Csikari  
Science Education Fellow  
Educational Resources Group, Science Education Dept.  
Howard Hughes Medical Institute (HHMI)  
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## Health Seminars

### Session Topic: Addiction & Substance Abuse

Title: "Compulsive-like Behaviors towards Drugs of Abuse: Who Does and Who Doesn't Get Them"

Veronica Alvarez, PhD  
Principal Investigator  
National Institute of Alcohol Abuse and Alcoholism

### Session Topic: Health Behaviors

Denise Haynie, PhD  
Staff Scientist  
National Institute of Mental Health  
[Denise.Haynie@nih.gov](mailto:Denise.Haynie@nih.gov)

### Session Topic: Cancer

Title: Molecular Linkages to Modifiable Risk and Breast Cancer

Kevin Gardner, MD, PhD  
Senior Investigator Genetics Branch  
Acting Scientific Director  
National Cancer Institute  
[gardnerk@mail.nih.gov](mailto:gardnerk@mail.nih.gov)

### Session Topic: Genomics: The Use of Computational Biology

Title: Adventures in the Rising Era of Individual Genome Sequence

Ben Busby, PhD  
Staff Scientist  
Lister Hill National Center for Biomedical Communications  
[busbybr@ncbi.nlm.nih.gov](mailto:busbybr@ncbi.nlm.nih.gov)

## Emerging & Infectious Diseases

Joan Ngwuta  
Post baccalaureate Fellow  
National Institute of Allergy and Infectious Diseases  
[Joan.ngwuta@nih.gov](mailto:Joan.ngwuta@nih.gov)

**Concurrent Skills Blitz Sessions:** These twenty minute sessions are designed to give you an overview of the skills required to mount a successful job search. These will be fast-paced and a fun-filled way to end the day. Sessions will be strictly limited to twenty minutes with five minute breaks between sessions.

### Networking to Work: Exploring Careers Using Informational Interviewing

You have met some terrific people today. Find out how to build, expand, and maintain your network.

### Transitioning to and Thriving at a 4-year College/University

What strategies will help you cope with the transition to a four-year college/university? The speaker will discuss challenges that you may experience adjusting.

### Time Management: Tips for Enhancing Your Resume

Given the demands of school, work and family, how can you most effectively manage your time?

## **Presenting Yourself: Tips for Enhancing Your Resume**

The top ten things to consider when creating this important job search document.

## **Self-Advocacy for Career Success**

In order to put your best foot forward, you need to be able to assess your strengths and weaknesses and learn how to advocate for yourself.

## **Developing Your Interviewing Skills**

Learn how to successfully navigate the interview process.

## **Creating Your Professional Development Plan**

Learn tips on how to enhance your professional development skills.

## **Writing a Professional Email**

This session will focus on tips for writing a professional email.

## **Stress is Inevitable: The Key is Managing It!**

Balancing school, work, family and personal life can be stressful. This session will focus on tips for coping and even thriving.

## **Faculty Breakout Session #2: Summer Workshop in Genomics for Community College and Secondary School Faculty**

In early August 2016, the National Human Genome Research Institute (NHGRI) at the National Institutes of Health (NIH) will offer their annual three-day Workshop in Genomics. This year's Workshop is designed for community college and secondary school faculty interested in hearing about the latest developments in genomics and genomics research from NIH scientists/researchers, physicians, and staff, developing strategies to integrate genomics into their classrooms, and making connections to other faculty in the field.

Carla Easter, PhD  
Deputy Chief, Education & Community Involvement Branch  
National Human Genome Research Institute  
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Dr. Hamlet will give updates on the BRIDGE program and share any additional information as it relates to the NIH extramural programs.

Dr. Michelle Hamlet, PhD  
Director of the BRIDGES Program  
National Institutes of General Medical Sciences  
[hamletm@mail.nih.gov](mailto:hamletm@mail.nih.gov)

## **Closing Session: Identifying and Applying to Summer Internship Programs**

This session will discuss how to be successful with identifying and applying to summer internship programs. Also, there will be an opportunity to network with and hear success stories of NIH fellows who are community college alumni.

Sharon Milgram, PhD  
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Erika Barr, PhD  
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