2016 UNDERGRADUATE STUDENT DEVELOPMENT AND ENHANCEMENT ACTIVITIES
UNIVERSITY OF LOUISVILLE CANCER EDUCATION PROGRAM

PARTNERSHIP WITH SROP [Pamela Feldhoff, pwfeld01@louisville.edu]

PARTNERSHIP WITH BROWN CANCER CENTER SUMMER RESEARCH PROGRAM (Diane Konzen, dkkonz01@louisville.edu)

PARTNERSHIP WITH JAMES GRAHAM BROWN CANCER CENTER COLLOQUIA ON CANCER BIOLOGY & THERAPEUTICS

Tuesday May 31st, University Club, 200 E. Brandies Avenue, Louisville, KY 40208, located on the North side of the Belknap Campus at Cardinal Blvd and 1st. Parking is available to the left of the University Club. For directions click here >>> http://www.uclublouisville.org/location/

Join the Orientation Luncheon with SROP, KBRIN, Physiology Cardiovascular, R25, Other (Pamela Feldhoff)

- 11:30am R25 CEP Undergraduate Students Arrive, pick-up information packet
- 11:35am-12:00pm Welcome address by Dr. Pamela Feldhoff (Associate VP for Research & Innovation)
  & Welcome by Dr. Beth Boehm (Dean of School of Interdisciplinary & Graduate Studies), Discuss Poster presentations, Parking, TARC Bus, Bldg access, Sports Facilities, sporting events, places to eat, “Becoming a Scientist” booklet
- 12:00-1:00pm Lunch
- 1:15-2:15pm Pick up parking passes @ the Parking Office (address TBA)
- 2:15pm Return to mentor’s laboratory
- **Action Items:**
  - Request & read background published literature for your summer research project from your faculty/lab mentor
  - Compose a title for your summer research project with your faculty/lab mentor. This information will be sent to the NIH to document that we are using government funds to support your summer research experience and training (Due 6/3/16)
  - Setup a professional LinkedIn account and request a connection with Dr. David Hein, LaCreis Kidd and your faculty mentor. [Using LinkedIn Effectively: Seventh in the "How to" Series](#) (Due 6/3/16)

Wednesday June 1st (Clinical & Translational Research Bldg ROOM 101, HSC)

- 8:30am-11:00am Lab Safety, Hazardous Waste & Bloodborne Pathogens (mandatory)
  - Radiation Safety Training (non-mandatory; consult with mentor)
  - Speakers: Sarah Hughes, Cathy Price & Llloyd, Environmental Health & Safety (502-852-2956)
- 11:00am-noon Research Integrity Training
  - Speaker: Russ Prough, PhD, Professor
- 12:00-12:30 Library Research Resources
  - Speaker: John Chenault, Kornhauser Library Reference Department
- 12:30pm-1:00pm Lunch
• 1:15pm Participate in Individual Photos (Susan Harrison, 852-1142, School of Dentistry, Room 60).
• 1:45pm Go to Mentor’s Lab

**Thursday June 2**\(^{nd}\) (Clinical & Translational Research Bldg, TBD)

• 11:30am-12:00pm Human Subjects Consent & HIPAA, Privacy, Protected Health Information (PHI). Non mandatory; check with you mentor to determine whether you need this training.
  o Speaker: Paula Radmacher, Ph.D., Vice Chair, Biomedical IRB

\*Friday June 3**\(^{rd}\) (Clinical & Translational Research Bldg, TBD)

• 11:00am-12:00pm Lunch will be provided (for scholars and mentors)
• 12:00-12:30pm R25 Program Overview and Scholar/Mentor Expectations by Dr. LaCreis Kidd, Co-Director, Curriculum Coordinator
• 12:30-12:40pm Remarks by the Founding Director of the R25 Cancer Education Program
  o Speaker: Dr. David Hein, Professor & Chair of the Pharmacology & Toxicology Department
  o Criteria & Incentives for Local/National Poster Presentations
• 12:55pm R25 CEP Mentor-Mentee Group Photo in the HSC courtyard near the Instructional Bldg and the Kornhauser Library.

**Action Items:**
  o On June 10\(^{th}\) 2016, you will attend a presentation on how to create a career development plan. For the past 3 years the guest lecturer (Dr. Irving Joshua) would ask the trainees whether they have a written career development plan. Well this year we want to shock him with 37 written career development plans. Work with your faculty or lab mentors to draft a 1-year career development plan. Post on dropbox.com and share the link of your file with Dr. Kidd (lrkidd01@louisville.edu) to secure feedback (Due 6/8/16).

**Tuesday June 7**\(^{th}\) (CONSULT WITH YOUR MENTOR)

• 1:00pm-3:00pm Animal Research Training (Level II IACUC Training)
  o Speaker: Dr. William King, Director RRC, Baxter I Auditorium, HSC

**Wednesday June 8**\(^{th}\) (Clinical & Translational Research Bldg, Room 124)

• 4:00-5:00pm James Graham Brown Cancer Center Colloquia on Cancer Biology & Therapeutics

\*Friday June 10**\(^{th}\) (Clinical & Translational Research Bldg, Room TBD)

• 8:30-9:00am Breakfast from Panera Bread will be provided
• 9:00-10:00am “Creating an Individualized Career Development Plan for College & Professional Students” by Dr. Irving Joshua

**Action Items:**
  o Revise your 1-year career development plan as needed.
Review 2012-2015 R25 alumni abstracts and poster presentations in preparation for professional development activities on June 17th and 24th. For abstracts and poster click here >>> [http://uofl.me/nci-r25](http://uofl.me/nci-r25)

*Tuesday June 14th (Clinical & Translational Research Bldg, Room TBD)*
- 11:45am-12:00pm Lunch will be provided
- 12:00-1:00pm Brown Cancer Center Summer Internship Seminar Series

*Wednesday June 15th (Clinical & Translational Research Bldg, Room 124)*
- 4:00-5:00pm James Graham Brown Cancer Center Colloquia on Cancer Biology & Therapeutics

*Friday June 17th (Clinical & Translational Research Bldg, TBD)*
- 11:45am-12:00pm Lunch will be provided
- 12:00-12:30pm Live Creation of Trainee-initiated Research Dissemination Tools Part I
  - Interactive table discussions on the live creation of a research dissemination tool for trainee-initiated research poster presentations – R25 trainees, alumni and faculty/lab mentors will develop a tool to guide the development of various components research poster presentations (i.e., Introduction, Research Objectives/Hypothesis/Rationale, Results, Methods, Clinical Impact & Innovation, Conclusions & Future Directions). Each table will select a team leader, secretary and spokesperson. The table roles include: (1) team leader will guide the table discussion, engage/prompt all trainees to participate, and make sure participants come to a consensus; (2) the secretary will record notes; (3) the spokesperson will share their findings with all the trainees.
- 12:30-1:00pm Practical Experience (e.g., Former R25 Trainees or Graduate Students will provide a 10-minute presentation of their summer research project)

  **Action Items:**
  - Start working on a draft of your abstract with your lab/faculty mentor (due 6/24/16). Post on dropbox.com and share the link of your file with Dr. Kidd ([lrkidd01@louisville.edu](mailto:lrkidd01@louisville.edu)).
  - Review 2012-2015 R25 alumni abstracts and poster presentations in preparation for professional development activities on June 24th. For abstracts and poster click here >>> [http://uofl.me/nci-r25](http://uofl.me/nci-r25)

*Tuesday June 21st (Clinical & Translational Research Bldg, TBD)*
- 11:45am-12:00pm Lunch will be provided
- 12:00-1:00pm Brown Cancer Center Summer Internship Seminar Series

*Wednesday June 22nd (Clinical & Translational Research Bldg, Room 124)*
- 4:00-5:00pm James Graham Brown Cancer Center Colloquia on Cancer Biology & Therapeutics

*Friday June 24th (Clinical & Translational Research Bldg, TBD)*
- 11:45am-12:00pm Lunch will be provided
- 12:00-1:00pm Live Creation of Trainee-initiated Research Dissemination Tools Part II
Interactive table discussions on the live creation of a research dissemination tool for trainee-initiated manuscripts – R25 trainees, alumni and faculty/lab mentors will discuss how to organize a manuscript (i.e., Coverpage, Abstract, Introduction, Methods/Approach, Results, Discussion). Each table will select a team leader, secretary and spokesperson. The table roles include: (1) team leader will guide the table discussion, engage/prompt all trainees to participate, and make sure participants come to a consensus; (2) the secretary will record notes; (3) the spokesperson will share their findings with all the trainees. Click here >>> For abstracts and poster click here >>> http://uofl.me/nci-r25

Faculty mentors: Dr. Lacey McNally, Dr. LaCreis Kidd and Dr. Gavin Arteel

- **Action Items:**
  - In partnership with your lab/faculty mentor, start working on bullet points for the introduction, objectives, hypothesis, biological rationale, clinical impact and innovation statements for your research poster. In preparation for July 1st, prepare & practice a 90-second elevator pitch for your research (due 7/1/16).

*Tuesday June 28th (Clinical & Translational Research Bldg, TBD)*
- 11:45am-12:00pm Lunch will be provided
- 12:00-1:00pm Brown Cancer Center Summer Internship Seminar Series

*Wednesday June 29th (Clinical & Translational Research Bldg, Room 124)*
- 4:00-5:00pm James Graham Brown Cancer Center Colloquia on Cancer Biology & Therapeutics

*Friday July 1st (Clinical & Translational Research Bldg, Room 123)*
- 11:45am-12:00pm Lunch will be provided
- 12:00-12:15pm Practical Experience – Former R25 trainees will provide 90-second presentations of their summer research project
- 12:15-1:00pm 90-Second Elevator Pitch Contest – Trainees will share a 90-second spiel about their summer research project. Trainees will be divided into 6 tables. Each table will select the top candidate from their table to compete against finalist from other tables.
- **Action Items:**
  - Revise your abstract, introduction, objectives, hypothesis, biological rationale, clinical impact and innovation statements as needed
  - Prepare and bring questions to ask presenters on July 7th regarding how to prepare an award winning abstract, travel award and poster.

*Tuesday July 5th (Clinical & Translational Research Bldg, TBD)*
- 11:45am-12:00pm Lunch will be provided
- 12:00-1:00pm Brown Cancer Center Summer Internship Seminar Series

*Wednesday July 6th (Clinical & Translational Research Bldg, Room 124)*
- 4:00-5:00pm James Graham Brown Cancer Center Colloquia on Cancer Biology & Therapeutics

*Thursday July 7th (Clinical & Translational Research Bldg, TBD)*
• 11:45am-12:00pm Lunch will be provided
• 12:00-12:30pm “How to Compose an Award Winning Abstract & Travel Award Application”
  o Speaker: Dr. Lacey McNally
• 12:30-1:00pm “EMOTE: How to Communicate Clinical Relevance & Connect with Your Audience During Your Oral Presentation”
  EMOTE verb|ˈmōt| - to express emotion in a very dramatic or obvious way
  o Speaker: Luz Guiomar Huntington-Moskos
• **Action Items:**
  o Continue working on your abstract and poster with your faculty/lab mentor

*Tuesday July 12th (Clinical & Translational Research Bldg, Room TBD)*
• 11:45am-12:00pm Lunch will be provided
• 12:00-1:00pm Brown Cancer Center Summer Internship Seminar Series

*Wednesday July 13th (Clinical & Translational Research Bldg, Room 124)*
• 4:00-5:00pm James Graham Brown Cancer Center Colloquia on Cancer Biology & Therapeutics

*Tuesday July 19th (Clinical & Translational Research Bldg, Room TBD)*
• 11:45am-12:00pm Lunch will be provided
• 12:00-1:00pm Brown Cancer Center Summer Internship Seminar Series

Wednesday July 20th (Clinical & Translational Research Bldg, Room 124)
• 4:00-5:00pm James Graham Brown Cancer Center Colloquia on Cancer Biology & Therapeutics, CTR Rm 124

*Friday July 22nd (Clinical & Translational Research Bldg, Room TBD)*
• 11:45am-12:00pm Lunch will be provided
• 12:00-12:30pm “How to write personal statements for graduate school”
  o Speaker: Dr. Brian Ceresa
  o Former R25 trainees now enrolled in MS/PhD program: Christin Dolin, Adrienne Bushau, and Alyssa Laun.
• 12:30-1:00pm “How to write personal statements for medical school & residency programs”
  o Speaker: Dr. Brian Wattenberg
  o Former R25 trainee now enrolled in MD/PhD program: Douglas Saforo
• **Action Items:**
  o Start working on a draft of the conclusions and future directions for your research poster.
  o Finalize your abstract as needed, then submit to Research!Louisville (see appendix), and regional/national conferences (see suggestions in the appendix and consult with your mentor)
  o Hit “Ctrl+Click” to watch this 50-minute networking video in preparation for July 29th’s event

>>> Networking! Networking! Networking!
*Tuesday July 26th (Clinical & Translational Research Bldg, Room TBD)*
- 11:45am-12:00pm Lunch will be provided
- 12:00-1:00pm Brown Cancer Center Summer Internship Seminar Series

*Wednesday July 27th (Clinical & Translational Research Bldg)*
- 11:45am-12:00pm Lunch will be provided
- 12:00-1:00pm 10-minute presentations on Professional Degrees & Residency Programs & Networking Opportunity
  - MD/PhD program
  - School of Nursing
  - DMD/PhD
  - Residency Program

*Friday July 29th (Clinical & Translational Research Bldg, Room TBD or Baxter I, basement, Room 038)*
- 11:30am-12:00pm Lunch will be provided (invite mentors)
- 12:00-12:15pm Community Outreach & Education by Virginia Bradford & Jaanika Sherod
- 12:15pm-12:30pm School of Public Health & Information Science by Drs. Kathy and Richard Baumgartner
- 12:30-1:30pm Navigating Careers in Cancer Research. Select two 25-minute Round Table Discussions
  Meet faculty, professional students, post-doctorates, residents/medical doctors engaged in cancer research/training.

**Topics covered:**
* Transitioning from Professional School to Careers in Cancer Research * Effective leadership, management, communication, and negotiation skills * Importance of Professional Networking * Collaborative Research Partnerships
  - Table 1: Cancer Careers in Academia
  - Table 2: Cancer Careers in Public Health & Information Sciences
  - Table 3: Cancer Careers in Medicine
  - Table 4: Women in Science
  - Table 5: Meet MD & MD/PhD students, faculty
  - Table 6: Meet PhD students & post-doctorates
  - Table 7: Meet DMD/PhD students, residents, faculty
  - Table 8: Meet nursing students, residents, faculty
  - Table 9: Oncology Residency Programs
Wednesday August 3rd  Undergraduate Research Poster Session (support your colleagues as your schedule permits), 2016

**Mandatory Poster Session for R25 CEP Undergraduates**
- 11:30am Arrive at the Clinical Translational Research Bldg, Foyer, HSC
- 11:30am Post up your poster (CTR, Foyer)
- 12:00-3:00pm Poster Session
  - Please acknowledge NCI R25 grant support University of Louisville Cancer Education Program NIH/NCI (R25- CA134283) on both the abstract, poster and future manuscripts.
  - You can view posters from the previous years here >>> [2012-2015-research-abstracts&posters](#)
- 3:15-4:15pm Closing reception for all faculty mentors, mentees & staff. [CTRB, Rm TBD]
  - ½ sheet cake, fruit & ice cream
  - Closing Remarks

**October 11-13th, 2016 Research!Louisville**
- Abstract Submission deadline TBD
- NCI R25 Poster Competition October 12th 1pm-4pm
- Please acknowledge NCI R25 grant support University of Louisville Cancer Education Program NIH/NCI (R25- CA134283) on both the abstract, poster and future manuscripts.
- You can view posters from the previous years here >>> [2012-2015-research-abstracts&posters](#)

**UPCOMING NATIONAL MEETINGS**
- **Experimental Biology, Chicago** April 22-26th 2017 – this meeting is ideal for undergraduates and graduate students. You may compete for travel awards. This intimate meeting offers a lot of professional development and networking opportunities.
  - Click here for >>> [aspet-travel-awards](#)
  - Click here to learn more about ASPET >>> [https://www.aspet.org/](#)
- **American Society of Clinical Oncology** – this meeting is ideal for professional students interested in presenting the cancer research projects, networking and learning about the progress in the field of clinical oncology.
  - Click here for >>> [asco-meetings](#)
- **American Association for Cancer Research** – this meeting offers lots of travel award opportunities for medical students, graduate students and undergraduates. Travel awards (e.g., Minorities in Cancer Research, Women in Cancer Research) cover your travel and hotel accommodations to present your summer research to the scientific community. The Annual meeting is in April; however, AACR has a host of other specialty meetings such as the Cancer Health Disparities or Frontiers in Cancer Prevention, so make sure you check out all the offerings.
  - Click here for >>> [aacr-travel-awards](#)
  - Click here for >> [aacr-meetings&workshops](#)
Other seminars you are welcome to attend:

Brown Cancer Center Translational Rounds – 3rd Monday of the month, 12:00-1:00 pm, CTRB 123
All Cancer Center Seminar – 1st Wednesday of the month, 11:45-1:00 pm, CTRB 101-102
Medical Oncology Multi-Modality Conference – Thursdays 12:00-1:00 pm, CTRB 101-102
JGBCC Hematology/Oncology Grand Rounds – Fridays 12:00-1:00 pm, ACB Metro Conference Room, 550 South Jackson Street
Consult with your mentor to determine if you need the training below:

1. **Online Blood Borne Pathogen Training, Environmental Health & Safety**
   - Contact: 502-852-6670
   - Hours of operation: M-F 8-4:30pm
   - Online training is available: [https://louisville.edu/dehs/training](https://louisville.edu/dehs/training)

   Bloodborne Pathogens (BBP) training is required for all university employees who may have occupational exposure to human blood, body fluids, tissues or other potentially infectious materials (OPIM) including human cell lines. This course meets the OSHA training requirements and includes information on the OSHA standard, development of an individualized Exposure Control Plan, the UofL Hepatitis B Vaccination Program and Post Exposure Evaluation and Follow-up. DEHS has developed a web-based training course to assist you in meeting your initial and annual Bloodborne Pathogens training requirements. After completing the course material, you will proceed to a short test. Upon successful completion of the test, please print your Certificate of Completion, keeping a copy yourself and providing a copy to your supervisor or PI. You may be asked to provide a copy of this certificate in the future.

   *Annual refresher training is required for all university employees who have already taken the initial Bloodborne Pathogens training and continue to have occupational exposure. Upon successful completion of the course you will receive a certificate, which is valid for one year.

2. **Online Human Subjects CITI & HIPAA Training**
   - Contact: Research Integrity program, 502-852-2403

   **For individuals who have never completed the CITI Basic Course:**
   - [http://louisville.edu/research/humansubjects/irb/investigator-info/training/first-time](http://louisville.edu/research/humansubjects/irb/investigator-info/training/first-time)

   **For individuals who have previously completed the CITI Basic Course but need a refresher:**
   - [http://louisville.edu/research/humansubjects/irb/investigator-info/training/refresher](http://louisville.edu/research/humansubjects/irb/investigator-info/training/refresher)

   Information regarding HIPAA training may be found here: [http://louisville.edu/privacy/training](http://louisville.edu/privacy/training)

3. **Lab Safety and Hazardous Waste Training**

   Lab Safety and Hazardous Waste Training are presented together each month for the convenience of laboratory research personnel. Please contact the DEHS Lab Safety Coordinator (Mr. Lloyd Asher) at 852-2830 or Cathy Price to schedule an appointment, if the pre-scheduled session will not work for your schedule.

   **General Laboratory Safety Training** is required for all newly hired laboratory personnel and should be completed as soon as possible. The class provides information on the physical and health hazards of chemicals, fume hoods, personal protective equipment,
emergency procedures and the OSHA Lab Standard.

_Hazardous Waste Training_ is mandatory for all persons who manage either hazardous or infectious waste in university facilities. The class provides information about the basics of complying with both the hazardous waste regulations and infectious waste management requirements; and instructs university personnel in the proper procedures for preparing both types of waste for pick-up and disposal. The training will also provide guidance for completing a Hazardous Waste Pick-Up Request to DEHS.

4. Lab safety guidelines and a list of training courses offered by DEHS can be located at [https://louisville.edu/dehs/training](https://louisville.edu/dehs/training)

5. **Responsible conduct of research online** at [http://ori.hhs.gov/ori-introduction-responsible-conduct-research](http://ori.hhs.gov/ori-introduction-responsible-conduct-research). Please review at least Chapters 1 and 2, and any of the other chapters that interest you.
Communication

Improving Spoken English  (6/5/2009)

Creating and Presenting Dynamic Posters  (7/11/2013)

Talking Science: Designing and Delivering Successful Oral Presentations  (1/11/2013)

Communicating Science: Tools for Scientists and Engineers  (12/15/2009)

Science Skills

Successfully Publishing a Scientific Paper  (3/16/2009)

Grants and Grant Writing

Grant Writing 101  (1/18/2013)

Introduction to Grant Writing I: Demystifying the NIH Grant Review Process  (6/29/2010)

Introduction to Grant Writing II: Strategies for Writing Effective Training and Research Plans  (7/14/2010)

Job Search

CVs and Resumes: Essential Job Search Documents  (9/1/2009)


Interviewing Etiquette and Skills  (4/9/2008)

Getting the Most Out of a Job Fair  (9/6/2007)


Finding a Postdoc  (3/17/2009)

Using LinkedIn Effectively: Seventh in the "How to" Series  (4/30/2012)
Industry Careers


Industry Careers Overview and Job Packages (1/24/2013)

The Industry Job Search: Navigating the Application Process (12/7/2009)

Resumes and Cover Letters for Industry (11/18/2008)

Industry: Interviews (3/4/2013)

Business Etiquette (NIH only) (3/25/2009)

Making the Transition to Industry (4/6/2010)

Academic Careers

Academic Job Search: Applying and Interviewing (8/13/2014)

How to Give an Effective Job Talk (6/30/2008)

Evaluating Positions and Negotiating Job Offers (2/23/2015)

Academics: Transitioning Successfully from Postdoc to Faculty (4/22/2015)

See also the videocasts from a March 2010 two-day NIGMS Workshop for Postdocs Transitioning to Independent Positions

Non-Bench Careers

Non-bench Careers for Scientists at NIH (11/16/2009)

Career Exploration

Careers in the Federal Government: Ninth in the "How to" Series (7/18/12)

Careers in Epidemiology and Behavioral Sciences (May 14, 2013)

Careers in Government (March 11, 2013)

Careers in Industry (February 11, 2013)
Public Health from Admissions to Career Opportunities (7/8/2010)

Getting To Professional (Medical/Dental) School

Applying to Medical School: Assessing Your Application (6/25/2013) an overview of everything you need to know to get into medical school.

Interviewing for Professional School (9/21/2009)

Advice from the Trenches: Getting to Professional School (6/30/2009)

MD/PhD: Is It for You? (7/20/2012)

Applying to Medical School (1/18/2011)

Writing Personal Statements for Professional School (3/29/2012; NOTE that you may need to click on "CC" to make the closed captioning visible.)

Preparing for the MCAT 2015 (NOTE: this is a YouTube video)

Medical School Application Schedule for Admission in Fall 2017 (handout)

Getting To Graduate School

Everything You Need to Know to Get into Graduate School (6/18/2013)

Getting to Graduate School (from the 2010 Graduate & Professional School Fair) (7/8/2010)

Preparing for the GRE - featuring the NEW computer-based GRE (9/5/2012)

Choosing and Applying to Graduate School (9/23/2010)

Writing Personal Statements for Graduate School (10/5/2010)

Interviewing for Graduate School (12/13/2010)

Lectures

The Big Picture: Thoughts on the Future of Science (1/13/2009)

NIH Academy Short Course, Part I, (9/18/2012) The NIH Academy Short Course provides a fundamental understanding of the definition and measurement of health disparities as well as the causes and determinants of these disparities.

Special Event

2010 Community College Day
NIH Academy Videocasts on Health Disparities on health disparities topics