Welcome

Welcome to the Cancer Prevention Internship Program (CPIP) newsletter. Our goals are to keep you informed on upcoming CPIP and other events related to cancer research, our interns’ research and careers, and funding sources and other information about the cancer prevention community here and beyond.

In this issue, we feature events from this past year, introductions of new students, and a profile of a CPIP alumna. We look forward to working with those new to CPIP and continuing our relationship with our cancer prevention community — leadership team, mentors, and students.

Service Learning Activity — Relay for Life

“During my shift from 4-6am at this year’s Purdue University Relay for Life, I was inspired by the many participants who dedicated their time in support of family, friends, and others who have been impacted by cancer. At our booth for CPIP, we created a card making station providing the opportunity for participant to leave a message for a child at Riley Hospital. Even at 5am in the morning, walkers were thrilled to leave a message and took advantage of the high emotions present at the event to leave an inspiring note for someone else. By 6am there were well over one hundred cards and we are currently in the process of connecting with Riley Hospital to complete the project.”
— Benjamin Ulrich
This year in the Cancer Prevention and Intervention Program (CPIP) has come together to provide service for the university and community. In a collaborative effort with the Youth Women’s Christian Association (YWCA) of Greater Lafayette, we have identified an area of need in providing HPV vaccines for those without health insurance and in-between the ages of 19-26. Gardasil helps protect against 4 types of human papillomavirus (HPV) potentially preventing about 75% of cervical cancer. Someone has a 100% survival rate if the initial cause of cancer can be presented and this is our goal in CPIP through our research and service. Heidi Kauffman, Program Coordinator for the YWCA Women’s Cancer Program, has helped find a provider for that can cover the injection fee for the vaccine and with the free vaccines available through Merek, we have opportunity to provide the HPV vaccine free of charge. CPIP is assisting in 3 areas: 1) literature development, 2) Distribution Information and Marketing Research and 3) transitioning the program to the next class of CPIP. As a class, we are working on designing a flier that will be posted on bulletin boards throughout the community and university to inform people about the program. This flyer will be targeted to best connect with all populations in the community and will hopefully play a large role in increasing participation in this free program. Second, CPIP has a great wealth of knowledge and connections through its many student leaders involved in organizations outside of research and by combining our knowledge and experience we are developing a guide to working with different organizations at Purdue University and how to best reach different target audiences. As we work in this project, we are always conscience about the how to easily transfer our work to the next class of CPIP. The project is in the early stages of development, but great progress has already been achieved.

Help us keep track of your success stories. Please contact us with citations or awards so that we can update our database and keep the NIH informed.

Presenting your Research? — Let us know!

Have you been busy disseminating your CPIP research at conferences or in publications? Win any awards or scholarships? We want to know!

Email Dr. Teegarden at dteegard@purdue.edu or Amy Childress at children@purdue.edu.

Thank you for your assistance!
Introducing the New CPIP Fellows and Interns

**Fellows**
- Yunfeng Bai, basic medical sciences (Dr. Sophie Lelievre, basic medical sciences)
- Basudev Chowdhury, agricultural & biological engineering (Dr. Joseph Irudayaraj, agricultural & biological engineering)
- Kayalvizhi Madhivanan, biological sciences (Dr. Ruben Aguilar, biological sciences)
- Shuai Yu, medicinal chemistry & molecular pharmacology (Dr. Robert Geahlen, medicinal chemistry & molecular pharmacology)

**Undergraduate Interns**
- Broxton Davis, pre-pharmacy (Dr. Laurie Parker, medicinal chemistry and molecular pharmacology)
- Amanda Haan, nutrition science (Dr. Sophie Lelievre, basic medical sciences)
- Katya Liotta, anthropology (Dr. Ellen Gruenbaum, anthropology)
- Lynette Meece, neurobiology and physiology (Dr. Cleve Shields, human development & family studies)
- Ann Monardo, nutrition science (Dr. Dorothy Teegarden, nutrition science)
- Melissa O’Banion, biology (Dr. Julia Kirshner, biological sciences)
- Abishek Parapuzha, biochemistry (Dr. Xiaoqi Liu, biochemistry)
- Geoffrey Ryan, general health sciences (Dr. Jennifer Freeman, health sciences)
- Christina Taylor, biology and chemistry (Dr. Silvia Stan, nutrition science)

Interns Showcase their Research

Learning how to communicate research results is an important part of the program for CPIP participants. Students have the opportunity to practice presenting their work during evening meetings as well as in multiple poster sessions throughout the year. The undergraduates presented their research at the Discovery Learning Research Center Summer Poster Session in July 2011 and at the Discovery Park Annual Poster Session in April 2012.
Last year, I had a one-year internship with Dialysis Clinic Incorporated (DCI) down in Nashville, Tennessee as an Internship Coordinator and Clinical Intern. DCI had wonderful connections with the organ procurement organization in middle Tennessee, so I spent most of my time on organ recovery cases. I learned a lot about being in a clinical environment, and I was even able to watch surgeries! In my free time, I did a little bit of clinical research for a transplant nephrologist at Vanderbilt University. I ended up making a poster that presented my research on the amount of kidney transplant patients who had undergone age-appropriate cancer screenings before their transplant evaluation at Vanderbilt.

The other part of my internship at DCI was spent as an Internship Coordinator. In this capacity, I was in charge of setting up summer internships for pre-medical school undergraduates. During the summer of 2011, I trained the 18 interns that I had helped select to be camp counselors and clinical interns. A week of the summer internship for these undergraduates was spent at Camp Okawehna, a camp for kids undergoing dialysis or kids who have had a kidney transplant. Then, I sent the interns off to clinical sponsors, who were located all across the United States, and the interns shadowed doctors and nurses during the final six weeks of their internship. Organizing this internship was a lot of fun and very rewarding; it was a great way to spend my year off before I started medical school in August of 2011.

This summer, I will be spending six weeks shadowing doctors at Reid Hospital in Richmond, Indiana, and then I will go on to be a teaching assistant for the Middle School Academy of Science and Health Sciences (MASH). MASH is a three week summer class and laboratory training session for seventh and eighth graders who come from an underrepresented background and who are thinking about a career in the health sciences. I am very excited to work with these kids in order to fulminate their interest in the sciences.