

## From the Director

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Greetings from Anderson University and the Center for Public Service. Even in these trying budgetary times for higher education, you should all know that Anderson University continues to strongly support the Center for Public Service. In planning meetings throughout the last year regarding future of AU, the Center for Public Service figured prominently in our university's distinctive features. Former Fellows made CPS into a program of distinction, and our current Fellows continue to uphold those high standards.

The center's past continues to significantly influence it today. I had the privilege of meeting former AU history professor Dr. Larry Osnes during some of the university strategy sessions. Osnes dreamed up the idea for the Center for Public Service in 1972, and on May 10, 1973, Osnes submitted a grant application to the Lilly Endowment to start the Center for Public Service, which proposed the creation of an "interdisciplinary Center for Public Service, to prepare liberal arts graduates for careers in public service... ." After winning a generous Lilly grant, the Center for Public Service was born. When the grant ran its course in 1976 the university began funding CPS, and a new director, Dr. Doug Nelson, took over the program for the next 32 years. Osnes' vision, Nelson's leadership, and above all else, generations of talented Fellows have made the Center for Public Service into one of AU's unique features.

The history of CPS also circled back to campus in the form of former Fellow Tim Ponce (political science/1994) who has worked for the State Department as a foreign service officer for the last ten years. Ponce spoke to CPS Fellows at one of our luncheons in November about his job. Several of the students commented to me how impressed they were with Ponce's presence — articulate, erudite, and polished — the very picture of a successful diplomat. Ponce has just taken a new position in the State Department as a consular liaison working with the Senate. Vivian and I wish to extend our sincere thanks to Tim and all former Fellows who continue to provide our current students with so much valuable advice and mentoring.

As you will see in the *Communique*, CPS Fellows continue to push a service-minded ethic into all careers. The experiences CPS provides continue to make a difference and to help focus our Fellows' career goals. Three of our current Fellows reported that their summer internships significantly altered their career goals: Josh Mlay after a summer internship working with a women's rights advocacy group in Africa, Grace Yeom after ten weeks of chemistry research with the Braun Research Group at the University of Illinois, and Jacqueline Burgher after a chemistry research project at the University of Oregon. To all Fellows across the globe, please continue to stay in touch, and if you are in Anderson, stop by CPS.

All my best,

**Joel Shrock**  
*jdshrock@anderson.edu*

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# Current Fellows

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## SENIORS

Tiffani Arnold, *biology, international education*  
Renee Bader, *psychology*  
Elizabeth Barrow, *biology (pre-med)*  
Jacqueline Burgher, *chemistry/math-economics*  
Melissa Carlson, *chemistry*  
Ambrosia Davidson, *communication/marketing*  
Joseph De Winkle, *music education*  
Dori Elliott, *theatre studies*  
Gina Farmer, *history*  
Amanda Gilliam, *social work*  
Theodore Hicks, *music education*  
Rose Hirschy, *finance*  
Alisa Neidlinger, *elementary/ENL education*  
Janna Oechsle, *elementary/special education*  
Breann Patuzzi, *social work*  
Joanna Tilley, *biology (pre-med)*  
Kara Warmke, *nursing*

## JUNIORS

Soyoun (Priscilla) Ahn, *communication arts/education*  
Yana Alekseeva, *biology (pre-med)*  
Emma Clawson, *chemistry*  
Kelly Frye, *biology/public relations*  
Daniel Kelsey, *Christian ministries/youth leadership development*  
Abigail Mason, *psychology*  
Kyla Metzger, *nursing*  
Joshua Mlay, *political science/sociology*  
Mark Swank, *computer science/secondary math education*  
Mengjiao (Eva) Tan, *finance/math*  
Melissa Tucker, *elementary education/spanish*  
Katelyn Veal, *nursing*  
Ricci Warwick, *English/Spanish*  
Andrea Whitacre, *English*  
Sin (Grace) Yeom, *biology*

## SOPHOMORES

Sambad Adhikari, *math/chemistry*  
Brandy Buchanan Smith, *biochemistry*  
Matthew Bursley, *biology/history*  
Michael Heckendorn, *psychology*  
Jonathon Hosea, *international education/public relations*  
Jordan Koontz, *computer science/English/Spanish*  
Kayla Miller, *social studies/special education*  
Ryan Petter, *economics*  
Carrie Steinke, *secondary math/Spanish education*  
Nabin Timsina, *computer science/math*

# New Fellows

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**Sambad Adhikari**, *chemistry/math/physics*, will participate in a research internship at the University of Illinois.

**Soyoun (Priscilla) Ahn**, *communication arts art/education*, is a member of Kappa Delta Pi and will participate in an internship with Northwest Film Forum in Seattle, Wash.

**Yana Alekseeva**, *biology (pre-med)*, attended the Unite for Sight Conference, subscribed to the *Archives of Dermatology* journal, and will be travelling to Honduras for a medical Tri-S trip this summer.

**Brandy Buchanan Smith**, *biology/psychology*, subscribed to the *American Academy of Physician's Assistant* and is pursuing a Certified Nursing Aide license to gain experience required by the physician's assistant masters program.

**Matthew Bursley**, *biology/history*, attended the International Scholar Laureate Program Medical Delegation to China in 2010 and plans to participate as an advisory member to South Africa in 2012. Matthew plans to study at Au Sable this summer.

**Michael Heckendorn**, *psychology*, plans to attend the National Association of Therapeutic Schools and Programs Conference and gain an internship in wilderness therapy this summer.

**Jonathon Hosea**, *public relations*, is planning to obtain an internship for a non-profit agency over the summer.

**Daniel Kelsey**, *Christian ministries/youth leadership development*, will participate in an internship this summer as a sports camp coordinator with YouthWorks, a Christian organization.

**Abigail Mason**, *psychology/English*, joined the American Psychological Association, and subscribed to *The American Psychologist*.

**Kayla Miller**, *social studies/special education*, became a member to the National Council for the Social Studies and continues to receive the *Social Education* journal.

**Ryan Petter**, *economics*, went to Costa Rica on a Tri-S trip and is planning to return this summer with the help of CPS to complete an internship.

**Carrie Steinke**, *secondary math/Spanish education*, is a member of the National Council of Teachers of Mathematics (NCTM) and plans to study in Costa Rica this summer.

**Mengjiao (Eva) Tan**, *finance/math*, subscribed to *The Economist* and attended the Columbia University global business conference in New York.

**Nabin Timsina**, *computer science/math*, joined the Association for Computing Machinery and subscribed to the *XRDS* magazine for students. He will participate in an application development internship with One America in Indianapolis.

**Katelyn Veal**, *nursing*, joined the American Public Health Association (APHA) and attended their annual meeting in Denver, Colo., in November. She is pursuing an externship for this summer.

**Ricci Warwick**, *Spanish/English/ENL*, is studying abroad in Spain this semester and recently became a member of Teachers of English to Speakers of Other Languages (TESOL).

**Andrea Whitacre**, *English*, joined the Medieval Academy of America, subscribed to the *MLA Old English* newsletter, attended the Taylor Undergraduate Literature Conference, and is planning to attend the Butler Undergraduate Conference. She will study abroad at Oxford this summer.

# CPS Fellows Work in Africa

**Junior Josh Mlay** and **senior Breann Patuzzi** spent significant portions of their summers in Africa. Patuzzi became interested in Africa during her experience with Adventures in Missions four years ago. Patuzzi later participated in the AU-East Africa trip to Uganda. Patuzzi and her fiancé, Chad Schubert, raised \$19,000 to help purchase and transport solar panels for an orphanage in Zambia. Schubert's family lived in Zambia while he was in high school. Most of the fundraising was done individually, but the couple did send out support letters and paired up with AU fundraising events, such as Encore, in order to reach their goal.

Patuzzi arranged with two companies to assemble the 12 solar panels and a water pump. She also worked to weld the frames holding the panels. She set up a business plan for the orphanage and networked with a local social worker to encourage her to look at the orphanage as a valuable resource for the community. Patuzzi and Schubert plan on going back to Zambia in the late fall to continue their work at the orphanage.

Josh Mlay spent most of his summer in his native Tanzania. He volunteered at a local primary school and taught the Swahili-speaking students English so they would be better prepared for high school. He also set up after-school programs designed to help kids avoid drugs and alcohol. The program will incorporate soccer games and arts and crafts sessions.

Mlay also volunteered at a women's rights organization called KWIEKO. The organization informs women of their legal rights and pairs them with lawyers to help with legal issues. Counseling and some medical testing are also available. Mlay observed some of the counseling sessions and even helped test women for HIV/AIDS. These experiences "changed my life plan," said Mlay. He now wants to concentrate on community development and human rights.

This summer, Mlay plans to continue to work on the after-school programs as well as shadow the vice president of World Vision in Kenya.



# Graduating Seniors

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**Renee Bader**, *psychology*, is getting married in June, will move to Cincinnati and plans to attend the University of Cincinnati for a master's degree in psychology in the fall.

**Beth Barrow**, *biology (pre-med)*, is going to Indiana University for medical school at the Muncie campus.

**Jacqueline Burgher**, *chemistry-math/economics*, is participating in the DowAgro program over the summer and plans to get her MBA from the AU Falls School of Business.

**Melissa Carlson**, *chemistry*, received a full ride to the PhD program in chemistry from the University of Iowa.

**Ambrosia Davidson**, *marketing communications*, is getting married in January 2012 and is currently looking for a marketing/public relations job in the Richmond, Ind., area.

**Dori Elliott**, *theatre arts*, plans to teach overseas before attending graduate school for counseling psychology.

**Gina Farmer**, *history*, received a full assistantship from Miami University of Ohio toward a master's degree in history.

**Theo Hicks**, *music education*, graduated in December and is working as a choir director at Crawfordsville Community Schools. He hopes to get his master's degree in vocal performance and a doctorate in conducting.

**Rose Hirschy**, *finance*, plans to obtain an MBA from the AU Falls School of Business.

**Alisa Neidlinger**, *elementary education/ENL*, is searching for an elementary/English as a new language teaching position in the Washington, D.C., area or central Indiana for next fall.

**Janna Oechsle**, *elementary/special education*, plans to work at an elementary school in central/southern Indiana and eventually work toward a master's degree in education.

**Breann Patuzzi**, *social work*, is getting married in May and then plans to travel to Zambia with her husband to continue work at the Mulunda Miaka Orphanage.

**Joanna Tilley**, *biology (pre-med)*, is moving to Blacksburg, Va., where she will attend Edward Via Virginia College of Osteopathic Medicine in the fall.

**Kara Warmke**, *nursing*, is applying for nursing positions in Honolulu and plans to move to Hawaii this fall.

## Study-abroad Experience in Spain

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Junior Ricci Warwick studied abroad in Salamanca, Spain, at La Universidad de Salamanca. She lived with a host mother and took several Spanish linguistic classes and a class on Spanish history.

"None of my professors spoke English fluently. Spanish was the only language used in the classroom," Warwick said. She met people from

China, Korea, Japan, Canada, and England and engaged in Spanish culture.

Warwick hopes to work closely with the Latino population in the Anderson and Indianapolis areas after graduation. Her advanced knowledge in their language and the relationships made overseas will undoubtedly influence her post-graduation plans.

"Not only did I meet an extensive number of incredible people, but I also was able to push myself linguistically, socially, culturally, and emotionally."

Experiencing a foreign culture was essential to Warwick's education. "I would suggest studying abroad to any student with determination, an open mind, and an appetite for adventure."

## CPS Fellows Conduct Research in Chemistry

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Jacqueline Burgher and Grace Yeom both conducted research last summer. Burgher studied at the University of Oregon. Teaming up with a graduate student, she researched oil/water interfaces and the interactions with polyacrylic acid and cetyl trimethyl ammonium bromide and gold nano particles. This concept has practical implications for situations such as the BP oil spill as well as cosmetic production and human membranes.

Burgher presented her research at the American Chemistry Society and the Alpha Chi conferences. She learned the theory behind her research, read scientific papers, and was exposed to different instruments she would be

working with. From her research, she determined her interest in the engineering field.

Burgher's CPS on-campus advisor, Dr. Chad Wallace, pointed her in the direction of this particular Research Experience for Undergraduates (REU). "I recently learned that it's harder to get in a REU than it is to get into medical school," said Burgher. REU opportunities are rare and are impressive on graduate school applications.

Grace Yeom researched at the University of Illinois in Champaign. She worked with a graduate student to research photolithography and 3D structure nanopatterning. She read

extensively before working in the lab.

International students have a particularly difficult time finding research opportunities due to limited funding. Yeom sent 10 applications and was turned down by all of them. Dr. Scott Kennedy helped her make the connection for U of I at the American Chemical Society conference.

"I think it's very important to get a feel for what you want to do as early as possible," said Yeom. She participated in this research opportunity as a sophomore and believes starting early helped her solidify her career choice and make connections in her field. Yeom is considering pharmaceutical school for her graduate work.

# Journey to Medical School

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Two CPS seniors had unique experiences that aided in their journeys to medical school. Beth Barrow participated in an externship at Good Samaritan Hospital in Dayton, Ohio. Barrow shadowed several physicians in various fields and was able to observe orthopedic surgery, labor and delivery, and cardio-vascular surgery. She became more familiar with nephrology, pulmonology, and the inner workings of a hospital.

“I was impacted by the doctors’ attitudes toward the patients. They were very compassionate and respectful and treated their patients with dignity and care,” Barrow said. This compassion influenced Barrow to participate in a medical mission trip to

Honduras this summer. She will be attending Indiana University for medical school in the fall at the Muncie campus.

Joanna Tilley went to the Pacific Rim Institute of Environmental Studies in Washington. Tilley learned new techniques to increase environmental appreciation. She gained a “much greater awareness of some of the issues surrounding today’s development work overseas and the importance of sustainable agriculture” by taking multiple field trips and gaining hands-on experience through organic gardening. She was introduced to the program through the mentorship of Dr. Ippolito and Dr. Janutolo at AU. In regard to her experience and its tie to

the medical field, Tilley explained that she gained valuable scientific background. Her goal, once she graduates from medical school, is to work in the mission field in a rural, third-world country. Learning how to develop environmentally sound farming methods will allow her to better serve the community through medicine and agricultural development.

Tilley was chosen to receive the 2010 Madison County Medical Society Award, and Barrow received the Guy and Gerda Perry Scholarship. Both Barrow and Tilley received the Stevenson Award to continue their education in the medical field.

## CPS Involvement in Alpha Chi

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Six members of CPS traveled to San Diego to participate in the Alpha Chi Honors Society National Convention. The convention took place from March 31-April 2 at the Marriott Mission Valley Conference Center. Alpha Chi is for the top 10 percent of juniors and seniors of member universities. The organization began in 1922 and includes schools from both private and public backgrounds.

The Anderson University delegation had eight members, with CPS and the Honors Program largely represented.

Three of the six CPS members received fellowships to continue their education. Melissa Carlson won a national fellowship for her paper *Reverse Phase HPLC Determination of L-DOPA in Mucuna Pruriens Nutritional Supplements*. Gina Farmer won a regional fellowship for her paper and Jacqueline Burgher was the runner up for the regional scholarship. She will also receive a small fellowship.

Overall, CPS had an outstanding showing at the convention. All of the delegates presented original research in

their chosen fields. Rose Hirschy and Eva Tan also presented papers. Each presentation was limited to 10 minutes. The conference was an invaluable experience for the students as they were able to listen in on more than 400 other presentations from students across the country.

CPS members had a tremendous showing at the conference, a feat that will likely inspire more involvement in honors society conferences in the future.

## CPS students attend APHA conference

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Juniors Katelyn Veal (nursing) and Kelly Frye (biology/communication arts) attended the annual American Public Health Association conference and exposition in Denver, with 13,000 health professionals. Additionally, Veal and Frye interacted with educators at APHA’s expositions and heard keynote speaker Dr. Cornel West address modern social inequality.

During the conference, Veal became

involved with the APHA student assembly and public health nursing section. She attended several public health nursing sessions and met with representatives from 10 graduate schools. In addition to being inspired by professionals in the field, Veal networked extensively with graduate school representatives and learned about relevant issues in public health.

Frye interacted with the

epidemiology section of APHA. Her interactions with epidemiologists — both presenters and members of this section — shaped her decision to pursue epidemiology in graduate school. Frye also attended several scientific and poster sessions regarding current domestic epidemiology and one designed for student mentoring and met with graduate school representatives.



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# C E N T E R F O R P U B L I C S E R V I C E

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## Mission

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The Center for Public Service is an honors program for outstanding students preparing for careers in public service. The center attempts to bridge the gap between the creativity of the campus and the critical needs of government and society.

The primary purpose of the center is to facilitate contacts with professionals and experiential learning for CPS Fellows. Our purpose is based on the belief that an undergraduate program built around the research and study of real issues offers particular advantages and experience to a student's career preparation. The center's approach is purposely flexible and individualized.