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## From the Chair

I wish to extend my warmest greetings to all students, alumni, and friends of the Department of Applied Health Science. With highly qualified faculty and staff, we are experiencing another successful academic year. Listed below are a few newsworthy items that have contributed to our success:

- Recruited three outstanding new faculty members: 2 minority and 2 of the three are female. They bring a wealth of research and educational experiences.

- Our MPH Program, the only accredited program in the State of Indiana, for the 2<sup>nd</sup> consecutive year ranked # 11 nationally and our Ph.D. program continues to enjoy the ranking of # 1 nationally.

- Due to an extensive marketing campaign, we have an all-time high number of applications for admission to our graduate degree programs.

- Our faculty continue to be involved in numerous research and scholarly activities. In addition, several faculty/staff members hold leadership roles in national professional organizations, and have received honors for their research and service activities.

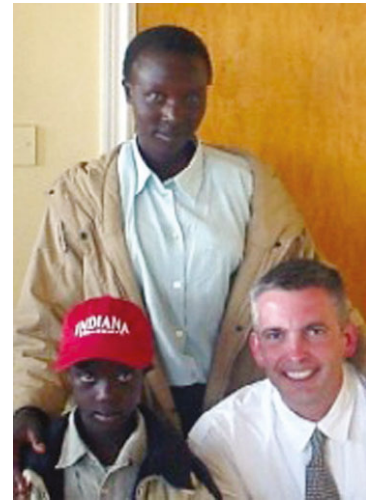
- Two of our faculty received an Indiana University Trustees Teaching Award for the current academic year.

- Our faculty and staff, through our Centers and Institute collectively generated over \$1.6 million dollars in grants and contracts during this year.

It has been another great year for the Department of Applied Health Science. The above are but a few of the accomplishments during this past year. I hope you are healthy and please do not hesitate to contact me if I can assist you in any way. Please stay in touch.

Mohammad R. Torabi, Ph.D.  
Chairperson, Department of Applied  
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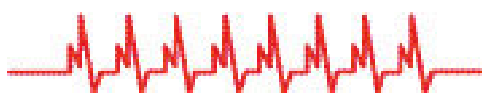
## AHS Outreach Initiatives



**Dr. Michael Reece, an AHS faculty member, recruiting IU fans in Kenya.**

This issue of the AHS Pulse features two of our Department's outreach initiatives relating to AIDS/STD Prevention. One initiative serves the rural population of the United States; the other serves the people of Kenya. Both provide valuable resources and expertise to those on the front line fighting this epidemic. As a Department, we are committed to playing a key role in AIDS/STD prevention. Thus, we would like to share with you our vision and our outreach efforts on pages 6-7 of this issue.





# New Faculty



**Dr. Cecilia Obeng**

Our Department is proud to welcome a new faculty member in the Human Development/Family Studies and the School Health areas. Dr. Cecilia Obeng is currently teaching a course on Atypical Developmental Issues in Children. In the fall, she will teach this course again, as well as Health Education in Grades K-8. She is also developing a course on Children's Health for our Department.

Dr. Obeng obtained her Bachelors with Honors from the University of Ghana in Legon and an Advanced Diploma in Applied Educational Studies in Primary Education from the University of York in the United Kingdom, where she wrote a thesis on the

use of educational resources, notably TV and computers, to enhance teaching and learning. In England, Dr. Obeng did her research on primary schools in the Yorkshire School District.

Dr. Obeng's M.A. and Ph.D. are from Indiana University, Bloomington. Her M.A. thesis observed "Sickness and Healing among the Akan of Ghana." For her doctoral studies, Dr. Obeng majored in Curriculum and Instruction (Early Childhood Education). Her dissertation examined beliefs and socio-educational crises affecting Ghanaian teenaged mothers who had dropped out of school and the impact of their dropping out on their families.

Dr. Obeng has taught at all levels of education from pre-school through the university. Her professional experience spans three continents: Africa, Europe, and the United States. Here, she has taught in the Early Childhood Department at Ivy Tech State College, and in the College of Arts and Sciences. Her teaching interests are in Development and Exceptionality Issues in Children, Curriculum and Teacher Education, Multicultural Issues in Childhood Development, Families and Educational

Issues in the Developing World, and Health Education in Africa.

Dr. Obeng's research interests include School Dropouts and the Family, Child Development in the Third World (Africa, Ghana), Developmental Health Issues of Teenaged Mothers and Their Infants, and Traditional Infant and Adult Health Issues in the Developing World. Her recent books include: *Home Was Uncomfortable, School Was Hell: A Confessionalist-ethnographic Account of Belief Systems and Socio-educational Crises in the Schooling of Ghanaian Rural Girls* (New York: Nova Science Publishers Inc.) and *Voices of Affliction. Aspects of Traditional Healing Practices and their Impact on Akan Families in Ghana* (Cologne, Germany: Rudigger Koeppel Verlag.)

Dr. Obeng's family includes her husband, Samuel, who is an Associate Professor of Linguistics and a member of the African Studies and the International Studies Programs at IU, and her three children, Samilia, Emmanuel, and Barnabas. She likes to spend time reading and volunteering in the community.

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## Faculty News

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**Dr. Trent Applegate** has assumed the role of Faculty Sponsor to Nu Chapter of Eta Sigma Gamma Health Education Honorary, effective August 2004. He replaces Dr. Lisako Jones-McKyer who had done a superb job in this role during the past year.

**Dr. Earl Blair** has accepted a Chair position in the Department of Health and Safety at Indiana State University. While we will miss him as a friend and colleague here, this is a great leadership

role for him in one of the largest safety programs in the country.

**Dr. Ruth Engs**, emeritus faculty, has authored five historical articles in *Alcohol and Temperance in Modern History: An International Encyclopedia* (ABC-CLIO, 2003).

**Dr. E. Lisako Jones-McKyer**, and her husband **Jarvis McKyer** welcomed a new addition to their family. Their son Jarvis Koji Lee McKyer was born at 11:02 p.m. on December 15 at

Bloomington Hospital. Koji weighed in at 9 pounds, 9 ounces and 20 inches long and came with a full head of curly hair. Koji happily waited to be born until the end of the fall term.

**Randi J. Alter** (doctoral student), **Mi Kyung Jun** (doctoral candidate) co-authored a monograph with Dr. Jones-McKyer which presented findings about the after-school prevention program Afternoons R.O.C.K. in Indiana. Results indicate a reduction in alcohol,



# Faculty News, cont.



tobacco, and other drug rates among Indiana youth since the program's inception. Dr. Jones-McKyer has also joined the research team of Dr. Steven J. Sherman in their NIH-funded investigation of intergenerational transmission of parenting and youth smoking behaviors.

Congratulations go to **Dr. Noy Kay** who has been promoted to Clinical Associate Professor. Dr. Kay made presentations at the Annual Conference of the American Association for Health, Physical Education, Recreation, and Dance as well as at an international conference.

**Dr. Lloyd Kolbe** received the 2003 Award for Excellence in the Prevention and Control of Chronic Disease. The Award was presented "for advancing knowledge and practice in reducing the chronic disease burden" by the U.S. Chronic Disease Directors at the 18th National Conference on Chronic Disease Prevention & Control. Dr. Kolbe was also appointed by the National Academies' Institute of Medicine (IOM), in Washington, DC to become the Vice-Chair of the IOM Committee on Adolescent Health and Development. His appointment will be from 2004 to 2007.

**Dr. David Lohrmann** and **Dr. Catherine Sherwood-Puzzello** received Trustees Teaching Awards at the University level this spring. Dr. Lohrmann also presented two papers this spring: "Introducing the Healthy School Report Card," with T.Lewallen at the Association for Supervision and Curriculum Development in New Orleans and "A Health Promoting School Report Card," at the 18th World Conference on Health Promotion and Health Education in Melbourne, Australia. As President of the American School Health Association he is currently planning the annual conference.

**Dr. Dong-Chul Seo** has authored or co-authored five articles this year, three of them relating to the aftermath of 9/11. The other articles are "Alternate Forms

of Health Attitude Scale" *American Journal of Health Behavior* and "A Motor Vehicle Safety Scale for Young Drivers" *American Journal of Health Studies*.

**Dr. Mary Shaw-Perry** and **Charlotte Horner**, B.S., MPH student, did a poster presentation at the 9th Biennial Symposium on Minorities and the Medically Underserved & Cancer (Sponsored by the Intercultural Council and Baylor College of Medicine) in Washington, D.C. entitled "A Quality of Life Community Needs Assessment for African American Breast Cancer Survivors." Dr. Shaw-Perry will also be the keynote speaker for the Faculty Development Conference of the Mountain Plains AIDS Education and Training Center (University of Colorado Health Science Center) on Aug. 6. The plenary session presentation is entitled: "If You're Not Here, Please Raise Your Hand: Characteristics of Teaching in a Student-Centered Learning Environment."



**Dr. Mary Shaw-Perry**, **Dr. Lisako Jones-McKyer**, and **Dr. Cecilia Obeng** assisted the Minority Health Coalition of Indiana with the 2004 Racial/Ethnic Minority Community Needs Assessment study during the first week in April to identify barriers to the delivery of quality care to minorities living in Monroe County.

## Special Thanks

*The AHS Pulse* would not be possible without the assistance of **Mary Winburn** and **Ifeng Jeng**. Mary is responsible for the layout of each issue and Ifeng takes and edits the photos.

**Dr. Mohammad Torabi** has assumed the Presidency of the American Academy of Health Behavior as of February 2004. Dr. Torabi has also co-authored research manuscripts published in the following journals: *Health Education and Behavior*, *American Journal of Health Education*, *American Journal of Health Studies* and *American Journal of Health Behavior*.

**Dr. William L. Yarber** received the Professional Standard of Excellence Award from the American Association of Sex Educators, Therapists and Counselors (AASETC) on May 15, at the association's annual conference. Dr. Yarber also received the Outstanding Researcher Award at the School level this year.

## Staff News

The Indiana Prevention Resource Center has newly hired **Merrill Hatlen** as the Grants Assistance Specialist. Merrill's most recent position was serving as a consultant for the Monroe County CAPE (Community Alliance for Education), assisting with the development of five Family Resource Centers, and he is a past co-chair of the Monroe County Community Prevention Coalition.

The Indiana Prevention Resource Center has filled the Coordinator for External Affairs position with **JoBeth A. McCarthy-Jean**. JoBeth received her MPH in June 2003. Since August of 2002, she has served as a Research Associate and Operations Coordinator for the Tobacco Retailer Inspection Program (TRIP) which is also housed at the IPRC.

On January 21, 2004, **Dr. Carole Nowicke** presented a convocation series event for the School of Music, Western Michigan University entitled "There's More to Inquiry than Google Or: I Have Fun with Research and You Can Too-Using Historical Materials for Performance, Pedagogy, and Publication."



# Student News



**Evangeline Chang**

**Editor's Note:** Many of our students win honors and give presentations. The following list is not comprehensive. It includes only those students who have come to the attention of the editor. Please see our website for the list of students winning HPER scholarships.

**Evangeline Chang**, a junior Nutrition Science major from Hawaii, has been selected for the 2004-2005 Indiana University Board of Aeons. This is a group of 12 students chosen from across the entire IUB campus who will advise Chancellor Gros-Louis about campus issues in the upcoming year. The Board usually meets with the Chancellor monthly and serves as a constant source for student opinion. We are proud to have Evangeline on the Board of Aeons representing HPER. She is an accomplished violinist as well as a pre-medical student.

**Sarah Childers** (BS in Public Health Education '04) received the IU Outstanding Undergraduate Major of the Year Award for Public Health from



**Sarah Childers**

the American Association for Health Education. This year she was also the President of Eta Sigma Gamma Nu Chapter on campus.

**Kimere Corthell**, a Junior majoring in Human Development/Family Studies, received an Honors Scholarship for her semester abroad in Perth, Australia.

**Kristian Gibson**, a Human Development/Family Studies Junior, who is planning a medical career, was accepted into the Ohio University College of Osteopathic Medicine Summer Scholars Program this year.

**Erin Koers** (BS in Public Health Education '03), **Karen Trappe** (Minor in Public Health Education '03) and **Christine Tisone** (MPH '03, PhD in Anthropology '04) won the Women in Science Research Day Poster Contest on March 3, 2004, for their nutrition research in the Dominican Republic.

**Coco Lamantia** received an Honors Scholarship for her internship this summer at the Indiana State University Student Health Center in Terre Haute.



**Leslie Ober**

**Leslie Ober** (BS in Health Education-Secondary Teacher Preparation '03) received the IU Outstanding Undergraduate Major of the Year Award for School Health from the American Association for Health Education.

Under the faculty sponsorship of Dr. **Alyce Fly**, **Amy Siegel**, **Amy Surgoth**, **Jinlin Zhou**, and **Jill DeJulio** served up tofu and yoghurt freezes and veggies at the nutrition booth to hundreds of young girls who attended the Women in Sports Day. **Melissa Buettner** and **Christina Starr** should be added to the list of students who have done research with Dr. Fly.



**Karen Trappe and Erin Koers**

**Haydee Encarnacion-Garcia** completed her doctoral degree this spring. Her dissertation is entitled "The Effectiveness for a Culturally Sensitive Peer-led Intervention Model for Cancer."

**Dong-Chul Seo** also completed his doctoral degree. His dissertation topic was "Development and Testing of a Model that Explains Contributing Factors to Unsafe Work Behavior."

**Pat Teeple** completed her doctoral degree with a dissertation topic "Constructing Women's Sexual Health: A Feminist Critique of Selected Topics in College Human Sexuality Textbooks."

**Christine Tisone** completed her PhD in Anthropology writing on "The Relationship Between Child Growth and Family Health Care Practices in the Dominican Republic."

*Best Wishes  
to our  
2004 Graduates!*



# Student News



## First AHS Returning Alumni Program Gets Rave Reviews

On March 25, 2004, three AHS alumni returned to the IUB campus to give a presentation on how they have shaped their careers since graduation. Lisa Brooking Parsley BS '97 in Human Development/Family Studies, Lana Chinn Riley BS '02 in Public Health Education, and Alison Temkin BS '01 in Human Development/Family Studies shared their experiences with students in our Research and Evaluation Methods class.

Lisa is a Health Care Recruiter for the Bloomington Hospital; Lana is an Infection Control Practitioner at Riley Hospital; and Alison teaches at the Elaine Kerston Center for Young Chil-



Alison, Lana and Lisa return to the classroom.

dren with Autism while earning a masters degree at Northeastern Illinois University. All three said that they love their jobs. Their advice was apply to your dream job, let the organization know how much you want it, and then when you get it, do not be afraid to ask lots of questions.

Students were pleased to see the variety of jobs possible with their majors.

One student said, "I am now interested in another career I had not previously thought about." Another added, "It was nice to know that I can still find a job without getting my masters." We'll be sure to continue these RAP programs. If you are an alumni interested in participating, please email Harriet Castrataro (hcastrat@indiana.edu).

## Physician Assistant Program

On April 6, AHS Career Services and the IU Health Professions and Prelaw Information Center (HPPLIC) jointly sponsored a program for students interested in becoming Physician Assistants. This is one of the career paths which our Nutrition Science majors often pursue. They find it challenging to apply to PA programs, since prerequisites can vary. With this in mind, we decided to offer a program that would help students choose their courses and their work/volunteer experiences wisely.

The student speaker for the program was Elia Figueroa, a graduating Nutrition Science major who has been admitted to the PA program at St. Francis University in Loretto, Pennsylvania. Elia gave the students pointers on how to shape their academic careers and apply to PA programs. The other speakers included two representatives from the PA program at St. Francis University in Ft. Wayne, Tom Hunter and Chad Ervin; and two local PA's, Lisa Woolsey, practicing at PromptCare and Marielle

Abel, practicing at the IU Health Center. Special thanks go to Ed Heath at HPPLIC for his help making this a very successful evening.



Elia Figueroa

### Physician Assistant Facts

- Number of months to complete a PA Program: 24-27
- Number of PA's in Clinical Practice in 2004: 50,000
- Number of Accredited PA Programs: 134
- Number of Students Enrolled in PA Programs: 10,000
- Average Income for PA's: \$76,000
- Percentage of PA Job Growth Expected From 2002 to 2012: 49%
- Number of States in Which PA's Can Prescribe: 48



## Building Public Health Capacity in Africa: An Emerging Initiative



**Indiana University and Moi University Public Health Representatives**

Since 1989, the IU School of Medicine has been involved in a collaborative educational project with Moi University in Eldoret, Kenya, a country on the east coast of Africa. Over the past 15 years, the IU-Moi initiative has achieved incredible outcomes. Recently, a new School of Public Health was established at Moi University. With this new School in place, IU representatives thought that the time was ideal for exploring the potential for a partnership between the public health entities of IU and Moi University.

In early 2003, Dr. Michael Reece, led a team of faculty and three public health graduate students to Kenya to meet with leadership of the Moi University School of Public Health. Drs. Michael Reece and Joan Henkle, along with students Jarret Thompson, Dr. David Everetts, and Brandon Eggleston packed their laptops and headed for Eldoret. The primary purpose of the trip was to conduct a comprehensive assessment of the potential for a collaborative research and teaching partnership between Moi University and the public health programs of Indiana University.

Dr. Reece and his team spent two weeks meeting with the Moi University leadership, visiting public health projects in Kenya, meeting with community members, and learning about the existing clinical care programs of the IU-Kenya program.

One example of these programs is a series of farms managed by Indiana University. On these farms, food is grown that has particularly relevant nutritional quality for individuals living with HIV, and as part of the treatment programs, individuals receive “prescriptions” for particular foods to supplement their diet. Also on these farms, local residents work for two weeks to build their capacity as farmers, so that they can then improve farming in their individual villages. While working, these individuals also receive HIV education and are encouraged to become tested for HIV.

Since returning, Dr. Reece and the team have spent weeks analyzing the information collected and processing the experience. Now they are moving forward with the development of the partnership.

As Dr. Reece explained, “Africa is certainly not the sum of its problems. However, the continent, and Kenya in particular, are facing one of the most devastating epidemics (HIV) ever known to civilization. The public health infrastructure in Kenya is developing rapidly, but given the intensity of the country’s public health problems, the needs are still overwhelming.” Jarret Thompson, one of the student members of the team, said, “This experience had an immeasurable impact on my professional development. I have worked on HIV initiatives for years, but never have I understood the potential contributions of public health professionals as I now do.”



Dr. Reece explained that over the course of the next year the goals of the partnership will become clearer, but he described the priority activities as follows:

1. Establishing a behavioral research agenda that is complementary to the extensive HIV treatment programs of the existing IU-Kenya program.
2. Working with the Moi School of Public Health to enhance its capacity to train the next generation of Kenya’s public health professionals.
3. Establishing a sustainable MPH and PhD student training experience in Kenya for IU students.

Significant plans are already in place for the next year in each of these three areas. In July 2004, Dr. Reece will be leading three of the department’s graduate students back to Kenya. The team’s activities this summer will include teaching a graduate course on public health program management, working closely with Kenyans to develop an evaluation component for an existing psychosocial support intervention, and mentoring Kenyan MPH students on the development of their protocols for thesis research.

This initiative is truly collaborative in nature, even within the IU system. IU’s two public health programs (one in Indianapolis and the other in Bloomington)



**Educational Meeting Space on the Farm in Eldoret, Kenya**





ton) are co-directing the public health components of this initiative and there will also be additional partners in the future.

When asked why this work is so important, Dr. Reece explained, "Well, as public health professionals there is just such an obvious role for us to play, and taking IU students there for training will certainly result in their growth

and development in ways that will be help-ful back at home. However, perhaps more importantly, I can't imagine that as humans we can sit by and not be involved. This is about the future of an entire continent and I couldn't imagine later in life looking back, knowing that we had an opportunity to make a difference, and realizing we chose not to do so."

We will keep our alumni and friends posted on the status of this initiative. In the meantime, individuals interested in supporting the Department's work there can make a financial contribution that will be used to support student travel and supplies. Interested individuals can contact Dr. Reece by email at [mireece@indiana.edu](mailto:mireece@indiana.edu) for information on how to make such a contribution.

By Dr. Michael Reece  
Director of MPH Program

**Rural Center for  
AIDS/STD  
Prevention  
Celebrates  
Tenth Anniversary**

***Congratulations!***

On March 1, 1994, the Rural Center for AIDS/STD Prevention (RCAP), a joint project for Indiana University and Purdue University began operations. With over 2 million dollars in grants received in the first 10 years of its existence, it serves rural America as a unique prevention resource. It is the only center in the United States that solely focuses on HIV/STD prevention in rural areas. Its mission is to develop and evaluate educational materials and approaches, to examine the behavioral and social barriers to HIV/STD prevention, and to provide prevention resources to professionals and the public alike.

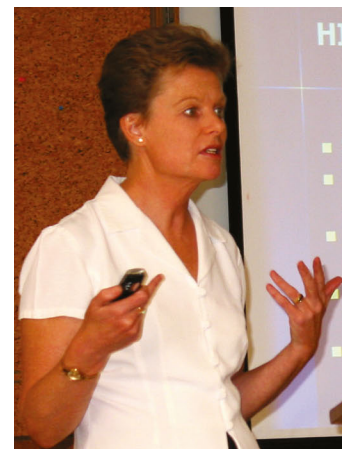
Among its numerous activities, RCAP offers fact sheets, a monthly electronic newsletter called RAP Time, and a national conference every other year. The next conference will be April 7-10, 2005, at the Indiana University Memorial Union, Bloomington. The center's website ([www.indiana.edu/~aids](http://www.indiana.edu/~aids)) gets over 30,000 hits per month.

At RCAP's 10<sup>th</sup> Anniversary celebration this spring, John Walda, Director of Federal Relations, and Dr. Jeffrey Alberts, Associate Vice President for Research for IU, came by to offer their congratulations. Both praised RCAP as an initiative which links research and prevention with the health and well-being of rural persons.

The keynote speaker for the celebration was Dr. Bronwen Lichtenstein from the Institute of Rural Health Research at the University of Alabama. Her message focused on the disproportionate number of new AIDS cases in the South (46% of new AIDS cases in a region where 36% of the population live) and the effects of "Stigma as a Barrier to HIV Prevention in the Deep Rural South." In Alabama's Black Belt, for example, the stigma of STD/HIV intersects with racism, mistrust of the health system, and social and economic factors. In rural areas, where the clinic entrance can be seen by everyone, where the receptionist is likely to be one's neighbor, and where AIDS

patients are often stigmatized, the care of AIDS patients and the prevention of the spread of AIDS are indeed complicated and hampered. Dr. Lichtenstein emphasized, for example, that it is tremendously important for caregivers and other personnel to be aware of how they are perceived and to treat all clients with dignity. Her mission is to develop an enlightened and sensitive staff for health care treatment facilities in rural areas, a challenging task indeed.

We hope that the Rural Center for AIDS/STD Prevention will continue its work to serve the rural population of our country and to battle the spread of sexually transmitted diseases. And we appreciate the work of Dr. William L. Yarber, senior director of RCAP, for his untiring leadership of the center.



**Dr. Bronwen Lichtenstein**



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