

**Annual Report
UICOMP
AY 2017-2018**

The University of Illinois College of Medicine Peoria mission statement:
Lead Collaboration to Improve Health.

The vision: ***The University of Illinois College of Medicine Peoria makes measurable improvements in personal and population health through integrated innovative research, education and patient care programs.***

The following actions occurred to support this vision:

EDUCATION

This was the first year in its 48-year history that the Peoria campus educated M1 students. In addition, the curriculum for the new M1 students was one that was totally transformed and coordinated across the Chicago, Peoria and Rockford campuses. We concurrently delivered the “classic” curriculum to the M2 class. This radical change has required new faculty, a new department, marked remodeling of existing spaces, and the creation of stronger relationships across the campuses of the College of Medicine.

Undergraduate – The new Department of Health Sciences Education was effective at bringing together faculty from multiple disciplines to teach in the M1 year. The implementation of the new curriculum was challenging given the distance between campuses and the disparity of the pre-existing curriculum. Highly-motivated faculty on all campuses worked very hard to create and teach the new curriculum and to adjust rapidly to student feedback and the evolution of the curriculum. The emphasis on student research is increasing as the residency match becomes more competitive. We had the largest research day ever at UICOMP with multiple student research projects and case reports. Match day was exciting with all but two of our graduates matching, many in highly competitive programs. Linda Rowe, our long-serving Assistant Dean for Student Affairs retired. A successful search was completed and Dr. Eileen Doherty will join our campus on July 2, 2018. The campus remains engaged in educational scholarship serving as one of the sites for the AAMC Entrustable Professional Activities and providing four Dean’s Innovative Curriculum Awards. The new curriculum is reliant on small-group learning and places new demands on faculty making it more difficult to meet the educational goals given our reliance on volunteer faculty. The new ELITE program places students in the clinic early in the M1 year. This requires active engagement of private practices. We successfully constructed new learning spaces and plan to create another one by fall of 2018. A continually declining State budget for the educational mission presents immense challenges in the face of the rising demands of the new curriculum. We anticipate gradually increasing class size to 60 this fall and 65 the fall of 2019.

Graduate Medical Education – There are currently 286 residents and fellows in eleven residency programs, five ACGME approved fellowships and three fellowships for which ACGME standards do not exist. All residencies are fully accredited although OB-GYN remains on warning status. All 73 residency positions were filled through the 2018 match. We also filled 14 fellowship positions. Hospice and Palliative Care Fellowship will start in July of 2018. More of our newly matched residents are US MD graduates this year and we continued to match a significant number of DO graduates as well. GMCEC continues to use a Standardized Institutional Review of Programs that has been very effective and presented nationally. Other initiatives included: an interdisciplinary wellness committee headed by Gerry Wickham, an enhancement of

simulation education under the guidance of Anthony Dwyer, continued growth of GME with approval to implement a pediatric neurology residency and a transitional year residency. The number of graduate trainees (resident and fellow) grew from 199 in 2006 to 283 in 2017. The GME programs continue to struggle with the appropriate balance of service to education for residents and faculty. We are also struggling to obtain compliance with the CLER visits. New proposed common requirements are due to take effect in 2019.

Postgraduate–CME/Faculty Development – The eighth cohort of Caterpillar Scholars graduated in December 2017. A series of presentations for faculty development have occurred with the goal of enhancing faculty performance particularly as it relates to the new technology and new teaching styles. The “Residents as Teachers” Program also was provided. On the CME level, we continued to actively provide CME with 74 activities including twenty-three new activities approved for CME.

LIBRARY

The library is very active teaching students, residents, and faculty as well as serving as a resource for literature searches. Of note, this year they went to 24-hour key card access, which is a major advantage for our students. The number of print journals is decreasing as most journals are available electronically. The library has removed stacks making more space equipped for comfortable studying. They host the medical informatics elective (34 students) and teach a portion of the EBM courses for students and residents including participating in Journal Clubs. The library is also active in promoting community-health literacy and hosted a National Library of Medicine exhibit on African American surgeons.

IRB/IACUC/IBC

The IRB continues to fulfill the expectations of AAHRPP accreditation and will be submitting its re-accreditation in June 2018. Dr. Rusch is serving as the Institutional Official. The Human Research Protection Program has assumed additional compliance activities and is conducting routine audits. There is a general move toward increased use of Central IRB’s for multi-site studies and this is reflected in a lower volume of work. The IRB has been able to assume responsibility for additional OSF hospitals. The IACUC and the IBC both continue to assure compliance with regulatory standards and best practice for animal care and institutional biosafety. The radioactive material used for research has been removed from the facility and the license will be allowed to lapse.

DEPARTMENT and PROGRAM HIGHLIGHTS

Cancer Biology and Pharmacology: The Department now consists of eleven full-time faculty with responsibilities for basic science research and for teaching pharmacology. The Department received \$1,234,386 of annual contract and grant awards (including ICR). The Department remains focused on the UICOMP research strategic goals of cancer and neuroscience research. The Department has published 24 articles, 24 abstracts and 6 book chapters. The Department Head continues to strive to create a collaborative and supportive research environment. The Department has struggled with obtaining outside funding sufficient to maintain the Department long term. The number of students engaged in basic science research has increased significantly. Collaboration with researchers at the UIC Chicago campus has been initiated. Dr. Ken-ichiro Fukuchi was selected to receive the Faculty of the Year Award from UICOMP.

Center for Outcomes Research: COR published 3 articles and 16 abstracts so far in 2017-2018. The PCORI Pipeline to proposal is moving forward in a collaboration around MS. New

collaborations with Chicago and across the community may lead to grant funding to help support the Department.

Dermatology: The Dermatology Elective is well received and combines on-line learning with the core curriculum from the American Academy of Dermatology with clinical experiences. The Chair of the Department is resigning in August of 2018. This position is unpaid but has significant responsibilities in terms of leadership and assuring that students have dermatology education.

Emergency Medicine: The academic Department of Emergency Medicine continues to evolve as they created Departmental by-laws and an Executive committee. They are very engaged in medical student and resident education, including the development this year of “Sim Wars” which brings teams of students from across Illinois to Jump. The Department also prepared for a shift in the M3 year where students will have an opportunity to take EM as an elective instead of as a part of their IM rotation. Three EM faculty applied for and received positions as theme leads for the cross-campus curriculum transformation. The EM Department provided an M4 elective to fifty-nine students, educated thirty-six EM residents and provided rotations to 67 residents from other disciplines. Sixteen students took the Simulation Elective that is housed in Emergency Medicine. The Department also proposed a fellowship in Point of Care Ultrasound.

Family Medicine: Dr. Wynn assumed the responsibilities of Department Chair and Dr. Leman became the Program Director. Dr. Zacharias has continued the enhancement of the Family Medicine Clerkship. The RSPP celebrated 20 years. The Women’s Health Fellowship has increased its emphasis on OB under Dr. Na’Allah’s leadership. Faculty research has expanded with additional research support.

Health Sciences Education: The Department was the heart of the first year of the phase 1 curriculum. They delivered 275 faculty session hours, created over 42 videos, conducted 24 labs, and established a peer review process for videos. The Department obtained funding from the Dean’s Innovative curriculum Awards. This allowed the purchase of six VR stations to test innovations. Several faculty presented both regionally and nationally. The Department is establishing a culture of student focused, innovative education.

Jump Simulation: UICOMP remains at the forefront of simulation use. The Jump Center provides a location for core events such as the white coat ceremony. The new curriculum starts using simulation in the M1 year. The M4 intern prep course is heavily simulation based and is required of all students. Tours of Jump are helpful as we recruit medical students, residents and faculty. Research at Jump engages our faculty including the ARCHES (Applied Research in Community Health through Engineering and Simulation) grants. This year we also provided four curricular innovation awards to enhance teaching using simulation.

Medicine: The Department continues to grow, matriculating the first group of pulmonary critical fellows, obtaining approval for a palliative care/hospice fellowship, and continuing to strengthen the fellowships in GI and Cardiology. There are plans to submit a PIF to create a new transitional year residency with a goal of being available in 2019. Conversation has begun around a hematology/oncology fellowship. There is growth in the research portfolio. The Department actively participated in the creation of the new Phase 1 curriculum. The hospitalist service performs well and is very high volume. The hope is that UHATS can return to six teams. Dr. Graumlisch, the previous Chair, stepped down and Dr. Teresa Lynch is serving as the Interim Chair.

Medicine-Pediatrics: The Medicine-Pediatrics Program has continued its tradition of retaining physicians in Illinois with three of its current graduates being retained. Med/Peds faculty occupy critical roles in UGME and GME positions including being two of the Assistant Deans. Med/Peds faculty are active in teaching within the medicine and pediatrics departments and also in the Residents as Teachers Course. They are also core to the M4 Intern Prep Course. Faculty are recurrent winners of teaching awards. There is a very positive collaborative environment between pediatrics, medicine/pediatrics and IM. Medicine/pediatrics is working with Medicine and Pediatrics to continually improve the service to education balance. The Med/Peds program shares with the Medicine, Pediatrics, and OB Department the concerns over the quality of ambulatory education supplied by the Heartland clinic.

Neurology: The Neurology Department has 26 neurologists in twelve neurology specialties. Neurology education will be changing as the second year of phase 1 (which begins in the Fall of 2018) will be where neurology is taught. The neurology clerkship will also become required. The INI is undergoing a change of leadership with Dr. Avellino resigning to take a new position. Dr. Wang was selected to receive the Faculty of the Year Award from UICOMP. There is increasing emphasis on scholarly productivity with funding from INI supporting pilot research.

Neurosurgery: Dr. Jeff Klopfenstein remains Head of Neurosurgery. The residency program successfully adapted to the increase in complement under the guidance of Dr. Julian Lin. The publication record for faculty improved with 14 publications, which is important as this, was a citation. The program is benefitting from the pilot funding the INI is providing for research. The specialty programs continue to grow including vascular, complex spine, brain tumor, and pediatrics. Recruiting is ongoing for a functional/epilepsy neurosurgeon. The neurosurgery program remains active at Unity Point as well as OSF and needs to continue to attract cases from a wide area in order to assure adequate volume of specialty cases.

OB-GYN: Dr. Steve Thompson continues to serve as Interim Chair. The Department has recruited additional faculty now having five general OB-GYN faculty with a sixth expected in August. The Department also includes a minimally invasive gynecologic surgeon and gynec oncologist as full-time faculty. The scholarly activity of the residency has increased and CREOG scores improved. A site visit of the residency maintained a warning status with the final report pending at this time. The addition of faculty has expanded the clinical service provided and the termination of the Team Health agreement and the decision to use current faculty has resulted in a markedly better level of laborist services both clinically and educationally. The Department is actively engaged in the creation of a pilot project about bias.

Pathology: The Pathology Department under Dr. Pushpa Joseph played a key role in both the M1 and classic M2 curriculum with very heavy teaching responsibilities. Pathology on our campus does not have a clinical component. Pathology education, particularly in the laboratory, is very highly regarded by the students. In order to continue to integrate pathology education into the Phase 1 curriculum, new hires to Pathology will be hired through the Department of Health Sciences Education. After the current chair retires in the fall, the goal is to merge Pathology with Health Sciences Education. Pathology faculty continue to consistently win student teaching awards.

Pediatrics: The Department continues to expand its faculty in order to establish a full service Children's Hospital. A consultant is currently reviewing the staffing model. The Department is fiscally stressed secondary to the need to grow the practices for the new hires and the fact that the billing revenue for some physicians does not cover their salary although the program (ambulatory

revenue plus hospital-based revenue) may be fiscally rewarding. UICOMP and CHOI/OSF healthcare completed a Physician Services Agreement (PSA) to more closely and formally integrate the academic department and CHOI. This was implemented in January of 2018 and seems to be working as a management structure. The department's scholarly work includes 108 presentations/posters, 36 publications, 21 abstracts and 2 books/chapters. The Department is working with OSF Healthcare leadership to create a stronger regional presence for pediatrics including delivering services in the Urbana area.

Psychiatry: The Psychiatry residency remains strong and fully accredited with a recent review that was without citation. Recruitment is going well. The Department continues to be challenged by the difficulty of recruiting additional psychiatrists to meet both clinical and teaching obligations. The Department is actively engaged in the brain and behavior block for the new Phase 1 curriculum that will be delivered for the first time fall of 2018. The classic curriculum M2 psychiatry course was delivered for the last time this year. Psychiatry continues to play a key role in UnityPoint's behavioral health strategy.

Radiology: Dr. Sean Meagher remains the Chair of Radiology. The Department was approved by the hospital/GME to start an Interventional Radiology/Diagnostic Radiology Residency and is anticipating that this will start in 2020. There is continued interest in the radiology electives with 43 students taking diagnostic radiology, twenty-six taking interventional radiology, one taking advanced radiology and three taking radiation oncology. The Department teaches medical students ultrasound, and teaches in five of the six clerkships. Radiology also created a M3 elective to fit into the new M3 clerkship structure.

Surgery: The surgery department has remained under the leadership of Dr. Steve Marshall. Dr. Marshall has found it challenging to develop a collaborative regional strategy with OSF, as they appear to be more supportive of their employed physicians. His goal is to enhance regional referrals through strengthening surgical specialization while still maintaining a strong general surgery base. This is critical to resident education. Clinical quality remains excellent.

PATIENT CARE

Overall quality of care is strong and the overall number of patient encounters is increasing. We are working hard to maximize both revenue and compliance. Efforts at charge capture are ongoing and we are also becoming more current on our billing. OSF Healthcare and UICOMP are implementing a Physician Services Agreement (PSA) specific to pediatrics. It more closely integrates the academic department and the patient care delivery system. Fiscal issues within the Department of Pediatrics remain a concern but this integration should assure that investments in physicians are examined in light of the overall performance of the children's hospital.

The Infectious Diseases physicians are under the guidance of Section Chief, Doug Kasper. The demand for ID services continues to grow particularly in the area of antibiotic stewardship. The general internal medicine physicians have seen improved provider satisfaction. The ongoing service to education balance on UHATS is an issue but continues to improve. Quality metrics on UHATS are very good.

Psychiatry is doing well fiscally with expanded services but remains challenged to recruit an adequate number of faculty to fulfill the teaching and patient care needs. If more faculty could be recruited, then the Department could easily expand.

RESEARCH

UICOMP continues to strive to advance its research mission with a particular focus on four strategic research areas: Cancer Biology, Neuroscience, Education (particularly Simulation) and Health Outcomes. The research committee worked to host the Annual Research Day at UICOMP, which continues to grow, and included residents for the first time this year. The James Scholar Committee continues to select and mentor students in their James Scholars projects. Three students graduated with James Scholars honors. The statistical support for the research enterprise has been consolidated in the Department of Research Services and the availability of statisticians has been expanded. Research overall remains a weakness for this campus, which has limited resources to support its growth.

It is a difficult funding environment and much of the research at UICOMP is currently Department supported with notable exceptions in the Department of Cancer Biology and Pharmacology. The partnership with INI has helped support research growth and the goal is that this seed funding will lead to full NIH grants in the near future.

FISCAL

UICOMP is currently fiscally solvent and should complete the year without significant deficits. UICOMP owes \$500,000 to the Foundation for the adjacent land once occupied by the VA. The added cost of the continued renovations necessary for the M1 expansion and transformed curriculum are largely being supported by reserves and philanthropy. As a result, the campus is gradually expending its reserves in order to fund these activities. Issues with the State's fiscal health continue to impede our growth and the ICR rescission dollars have never been returned. The continual declines in the State budget are a challenge as this money supports the student educational infrastructure. The need to accommodate the renovation costs plus the start-up costs for new faculty plus the replacement of aging infrastructure plus the rising cost of living are putting a strain on UICOMP's fiscal health. Growth in the MSP, growth in philanthropy and growth in class size will hopefully allow us to keep the budget in balance.

WELLNESS

The campus is emphasizing the importance of the wellness of our students, residents, faculty and staff. Several efforts are moving forward in support of this. Dr. Soares has brought cognitively-based compassion training to UICOMP students, residents and the community at large. Dr. Wickham leads an inter-professional group on Wellness, working with our hospital partners.

LCME

This year was the regularly scheduled LCME visit. It occurred in mid-April. Multiple faculty and staff supplied data and comments that were incorporated into the report. The regional campus also had a site visit. All the campuses of the UICOM are credentialed as one college. The outcome of the visit is not yet known.

CHANGING ENVIRONMENT

Meeting the demands of M1 education, transforming our curriculum, tighter cross-campus collaborations, changing healthcare environments and a dysfunctional State are all having profound and challenging impacts on our campus. I anticipate the chaos will improve somewhat in the next academic year as we adjust to the changing environment. On the positive side, with

this change comes tremendous opportunity. We have enhanced our community engagement, strengthened our identification as a community asset, reaffirmed our commitment to training physicians for downstate Illinois and continued to “Lead Collaboration to Improve Health.”

CONCLUSIONS

- The University of Illinois College of Medicine Peoria remains focused on medical student and resident education in the context of patient care delivery. We are committed to our mission “Lead Collaboration to Improve Health.”
- The 2018 academic year saw major change with the addition of M1 students, the curricular transformation, a new Department of Health Science Education and substantial remodeling of the building.
- Our research and scholarly activity are slowly growing both in clinical departments and within Cancer Biology, Jump and the Center for Outcomes Research. This growth is seriously hampered by a lack of infrastructure and by the lack of research strategic planning in our partner hospitals.
- Fiscal health remains an issue with rising expenses, declining margins for healthcare, rising overhead costs and an increasingly insolvent State of Illinois.
- UICOMP continues to work to create mutually beneficial strategic alignments with our academic partner hospitals while still maintaining a level of autonomy.
- There are significant opportunities for innovative education with enhanced inter-professional and simulation components benefitting our students and residents.
- We are thankful for a highly motivated, committed and energetic faculty.