

Facilities and Other Resources

Wayne State University (WSU) is a national research university with an urban teaching and service mission. It is Michigan's only urban research university, with 11 schools and colleges offering more than 350 academic programs to 33,000 graduate, professional, and undergraduate students. The **WSU School of Medicine (WSU SOM)** is one of the nation's leading academic medical centers, hosting one of the largest graduate medical education programs in the United States with more than 1,000 medical students and 900 residents with more than 20 different cultures and ethnic backgrounds represented among the student population. Concomitant with the mission of service to the community, the vast majority—more than 80%—of students are from Michigan. Upon graduation, the majority will choose to stay in Michigan to practice, giving WSU outstanding in-state retention rates and potentially providing the opportunity for outreach programs throughout the state. Under a unique agreement with the National Institutes of Health, Wayne State University hosts the Perinatology Research Branch (PRB) of the National Institute of Child Health and Human Development, the largest NIH intramural branch outside the Bethesda campus. The choice of WSU as PRB's ten-year home was based on criteria that included not only the patient population, but a willingness to work with the PRB as well as strengths of research programs in Obstetrics and Gynecology and multiple other disciplines from throughout WSU SOM including Imaging, Pediatrics, Immunology, Cardiology, Genomics, and Proteomics.

The Department of Family Medicine and Public Health Sciences (DFMPHS) is part of the WSU SOM. The mission of DFMPHS is to improve the health of the public and reduce the burden of chronic disease, especially in underserved populations, by optimizing the integration of diverse talents to conduct high quality research, service and education. The department is committed to fostering a strong research environment including a commitment to epidemiology, disparity research, practice-based primary care research, and public health studies. The intellectual environment at WSU and particularly in the DFMPHS is extremely rich. WSU has long recognized the importance of urban health issues and public health studies serving racially diverse population.

The DFMPHS has grown from mainly a small clinical department to a faculty of 24 (a rich mixture of PhD and MD faculty members), who individually and collectively represent broad and in-depth expertise across multiple fields, including Behavior Medicine. The Behavioral Medicine division is focused on the development and wide spread implementation of biobehavioral intervention strategies to prevent and control disease and promote health. Behavioral Medicine includes core and affiliated faculty throughout the university with expertise in basic, clinical, community, and population research and education. Although diverse in interest and focus, this is a department with a continuous cycle of interaction between basic scientists, translational researchers, treatment providers, and communities. In addition, the department has established a fully credited WSU Masters in Public Health program to increase public health education and research opportunities for students and faculty in and outside of the department and university. Faculty have been working with NIH on disseminating new methods for behavioral intervention trials including two NIH workshops, and a proposal for an R25 summer institute in translating basic behavioral science into proof of concept studies.

Computing at WSU is overseen by Wayne State University's Computer & Information Technology (C&IT) division. C&IT provides academic and administrative computing services including communication tools, hosting services, and hardware and software access. Each faculty member at WSU is provided with their own personal computer with Windows 7, which is linked to the WSU server and the Internet. In addition, WSU has developed a reliable networking infrastructure that includes a high performance, fiber-optic cable in underground pathways that provide for electronic communication and high speed data transfer. The C&IT is located in a secure facility with a raised floor, redundant power, network connectivity and systems monitoring. The WSU FTP server is a file repository that provides access to a wide variety of current software via a high-speed campus network. The WSU FTP server is updated twice a day. All project data will be stored on a server maintained and continuously backed up by the MSIS. There are server drives specifically available to the DFMPHS. Wayne State University School of Medicine provides secure email, internet access, and networked data storage space. Computer support, maintenance and repair services are also provided as well as site licenses for a variety of software packages including word processing and media editing.

Office space for Drs. Carcone and Naar-King, as well as ancillary staff, is available in the new Integrative Biosciences Center Building (IBio). The 207,000 square-foot building, located in the New Center area of Detroit, is in close proximity to the WSU main campus. This new research facility will encourage interdisciplinary work across a range of scientific areas with the goal of translating new discoveries to improve human health and society. This state-of-the-art facility provides opportunities for collaborations to enhance

clinical and translational sciences. The IBio facility has several multi-purpose conference rooms, each equipped to offer two-way video conferencing. All WSU faculty are provided with office space, office supplies, and access to a copier, printer, and fax machine. Copying/ duplicating facilities, telephone lines and secretarial resources are available for this project. All members of the research team have access to a full range of library and audio-visual technical support facilities at the WSU School of Medicine. WSU has facilities available for production of audiovisual materials for presentations and publications.