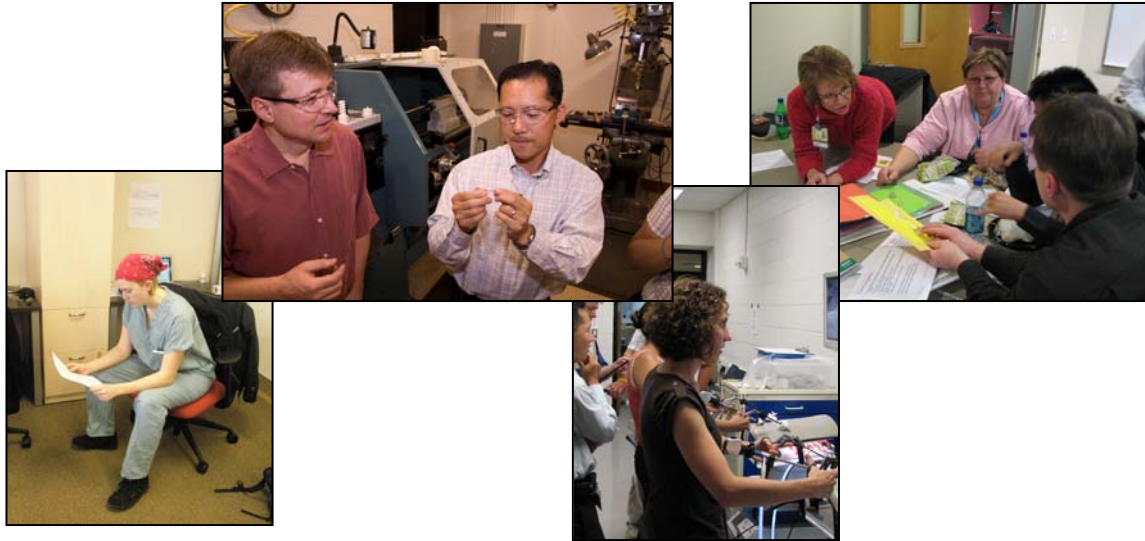


U-M Medical Innovation Center Awarded \$2M for Pediatric Device Consortium



Development of medical devices for children lags up to a decade behind similar devices intended for use in adults. Children differ in terms of size, growth and body chemistry and present unique challenges to device designers. In addition, small market sizes and perceived higher liability for pediatric devices limits make device hesitance to include them in their product portfolios.

Therefore, medical device legislation passed by Congress in 2007 established funding to be distributed as grants for nonprofit groups to help stimulate projects to promote the development and availability of pediatric devices.

A panel of experts with experience in medicine, business, and device development reviewed 16 applications for the grants, 3 of which were selected for funding.

The FDA awarded the University of Michigan the largest of the three two-year awards:

James Geiger, M.D.
Michigan Pediatric Device Consortium (M-PED)
University of Michigan
\$1 million/year

Pedro DeINido, M.D.
Pediatric Cardiovascular Device Consortium
Children's Hospital Boston
\$500,000/year

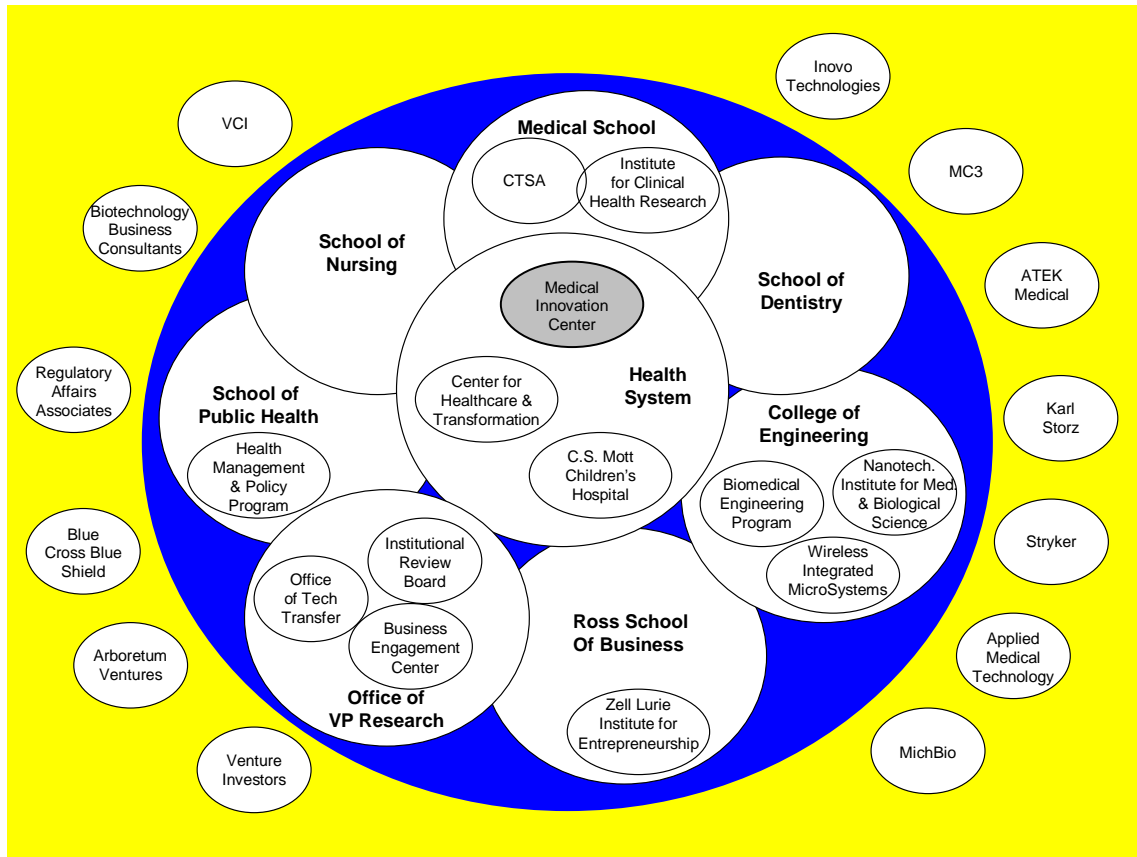
Michael Harrison, M.D.
Pediatric Device Consortium
University of California at San Francisco
\$500,000/year

The Michigan Pediatric Device Consortium, M-PED, will be operated out of the Medical Innovation Center (MIC), a multidisciplinary medical device commercialization center launched by Dr. James Geiger and his team in 2008. The FDA award will be used to support:

- Three members of the 2010/2011 MIC Fellowship class
- Development of on-line educational modules covering challenges unique to pediatric devices
- Hands-on assistance for pediatric device innovators through the MIC's Inventor Assistance Program
- Two specific pediatric device innovations:
 - Dr. Bob Bartlett and Dr. Gail Annich – Nonthrombogenic Antiseptic Catheter for Neonates
 - Dr. Dan Teitelbaum, Diann Brei, PhD Mechanical Engineering and Jonathan Luntz, PhD Mechanical Engineering – Bowel Lengthening Device for Children Suffering from Short Bowel Syndrome

What set the MIC's proposal apart from others? Managing Director, Brenda Jones, explains "We were able to highlight the existing structures and successes of the Medical Innovation Center as well as a collection of assets rarely found together on one campus: top-ranking schools of business, engineering, nursing, dental and medicine, side-by-side with one of the nation's finest children's hospitals and other major facilities of a world-renowned health system."

To achieve the objectives of M-PED, the MIC has assembled an impressive collection of individuals and organizations with expertise in areas such as regulatory approval, venture creation and funding, manufacturing and distribution, insurance, reimbursement, and intellectual property.



Pediatric Device Ecosystem

The MIC is now accepting applications for the 2010/2011 Fellowship class, post-graduates in business and engineering as well as an MD with at least two clinical years in an accredited residency program.
<http://www.med.umich.edu/ummic/fellowship/index.shtml>

The MIC is also offering tuition-free industry-sponsored fellowships.
http://www.med.umich.edu/ummic/industry/partner_program.shtml

www.med.umich.edu/ummic
 (734) 998-6994
UM-MIC@med.umich.edu