



Radiological
Technologies
University VT

RTU News & Updates

www.rtuvt.com

September 28, 2011

INSIDE THIS ISSUE

AAPM Appointment 1

Continued Growth 1

The Juggling Act 2

New Graduate 3

A.S. to B.S. Program 3

M.P. Residency 3

Congratulations! 4

Nanomedicine 4

Mission Statement 5

Continuing Education 5

AAPM Appointment



Brent D. Murphy, MS, DABR has been appointed as Vice-Chair of the AAPM's Continuing Professional Development Committee under the AAPM Education Council. This council is chaired by Ed Barnes, PhD, founder and President of MTMI. The makeup of this committee is diverse and focuses on the continuing education needs of the Medical Physicist to include: AAPM Summer School, CME On-Line Training, and Maintenance of Certification Programs. This committee is actively engaged with other AAPM, ASTRO, ACR, and CAMPEP committees. This is a 3 year appointment. "The field of Medical Physics has become very diverse. The needs of Medical Physicists are always changing. I look forward to being actively engaged in assessing these needs and promoting active methods of delivering the training." Brent Murphy

"I look forward to being actively engaged in assessing these needs and promoting active methods of delivering the training."

Continued Growth

The highlight of this issue is RTU's continuous growth. Our growth is due to student enrollment, Faculty additions, program additions, and graduates. As the Fall semester kicked off on September 6, 2011, RTU welcomed 15 new students and several faculty members.

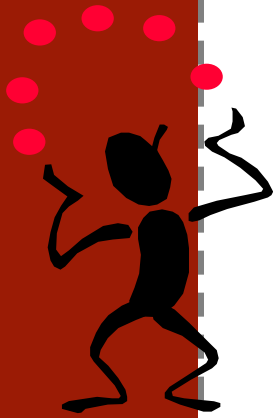
Dr. Michael Stabin, Dr. George Sandison, Dr. Rob Stewart, Dr. Steven Goetsch, Jacob Carson, MS, Dr. Renat Letfullin, Dr. Matt Daniels, and Kelsey Soderstrom, MS. Each brings an area of expertise that compliments and enhances the quality of our curriculum.

Additionally we see growth in the number of graduates. Shodhan Patel completed his program this Spring. You can learn more about Shodhan on Page 3.

In June of this year RTU announced the addition of the A.S. to B.S., Medical Dosimetry program which was approved by the state of Indiana and will launch classes on Monday, October 3, 2011. The decision to develop this new program was in direct response to feedback received through surveys and conversations with Therapists and Dosimetrists currently in the field. There are also a large number of these professionals

who earned their way into the dosimetry profession through OJT, or hospital based certificate programs. To assist those individuals, we solidified a relationship with Ivy Tech Community College here in South Bend, IN. Carol Kirkner, Dean of Health Sciences is working with us to help those who need the general education / liberal arts studies in order to receive their A.S. degree and move on to the next step. Read more about the program and this relationship on Page 3.

In January 2012, RTU will see its program offerings grow yet again. We added a seminars course in research developed by Dr. Letfullin that is available as a continuing education course outside RTU's core programs. Also, in January, we will launch a new Masters degree program in Nanomedicine. Dr. Letfullin has a keen sense of what is going on in the area of nanotechnology, and turned this vision into reality with the development of a curriculum dedicated to this discipline. We look forward to the many possibilities of this emerging technology. Read more on Page 5.



The Juggling Act

Recently, the burning question for many has been "Is your program designed for the working adult?" I answer with a resounding YES. Now, by saying yes, I do not imply that it will be easy. To put it plainly, it won't be. Earning your masters degree is a big decision. At this stage of your life, it's probably safe to say that many of you are working full time and starting your families. Or, maybe you're family is established, kids are grown and it's your turn to go back to school. With that being said, there is a myriad of things that could easily sway you from going back to school, such as work schedule, PTO meetings, ball games, Holiday pageants, band & choir concerts, and so much more. We all know the saying, "Where there's a will, there's a way" It's not much simpler than that. Ultimately, it will boil down to how badly you want it. I've asked a few of our students to share their experiences about pursuing a masters degree and how it fits into their lives. See what they have to say....

"RTU has given me the opportunity to further my education in Medical Physics and still live a "normal", busy life as a mother and professional. Thanks to the staff (professors etc.) at RTU and their understanding and patience, I am able to work full time and also raise my two active sons. RTU understands that family comes first and that life throws us curves sometimes that are out of our control. Running a Radiation Center full time, being a single

Mom and trying to obtain my Masters Degree sounded almost impossible (and insane) but RTU has made it VERY possible and is always wonderful about working around my personal and professional schedule. It definitely isn't always easy, but everyone at RTU makes it very worth it. With respect to how much time I spend on school work, the first three semesters I carried a full load of 12-14 credit hours and I spent probably 30-35 hours per week, now that I'm done with 'core' classes and just have undergraduate courses to finish I'm spending about 10-15 hours per week" Leigh Worsley

Cara Farkas shares her insight as well. "I started at RTU in the fall of 2009 with the hopes of getting my masters in medical physics. It's taken me a little longer than planned but, it's now fall of 2011 and I'm almost done!! I'd really like to say it's been a piece of cake but, that wouldn't really be sharing the true story with you. In fact, there are certainly days I find myself singing the Nemo song "Just Keep Swimming" to assist in staying afloat. I have three children consisting of a 6 year old daughter and 4 year old twin boys. I also work full time in Kokomo, IN as a certified medical dosimetrist, certified radiation therapist, and our department's team leader. My plate is definitely full, but I still have time to spend with family and friends because I believe it's a "must" to make that a priority. In fact, last year my whole family went to Disney World and I was able to watch a couple of lectures, scan my homework in at the hotel and turn it in without missing quality time with my husband and kids. My family (especially my husband and parents), have been amazing sup-

port to make it possible to juggle everything." "Please ask the staff at RTU for my contact information if you have anything you would like to chat with me about. Good luck in your future endeavors!"

"Life with RTU is not an easy road...especially if you have a career and family to attend to. To begin with, I spend approximately 50+ hours a week working as a Director and Medical Dosimetrist in a cancer center which includes over an hour commute. At the end of a long day and after the kids are in bed is when I find time to study. Having 24 hour access to RTU lecture and class notes is the key to success. I spend a few hours nightly working on assignments and watching lectures before going to bed and starting the process over. The weekends are when I spend the majority of my time reading and doing homework. This combination seems to work for me and the virtual technology of RTU makes it possible. Previously, I had begun taking courses at a local university, only to find myself missing classes due to work issues or family conflicts and ultimately dropping classes. At this point I thought... at my age and with my career, the goal of obtaining a graduate degree in physics was just out of the question. It was a relief when I found RTU. Here was a university that specializes in medical physics, offers a remote environment available 24 hours, and offers an on-site clinical component. Please don't misunderstand, the time requirements are enormous and the sacrifice my family has made is equally as great, but at least RTU gave me the option of trying and so far, so good." David Phebus

A small body of
determined spirits
fired by an
unquenchable faith in
their mission can
alter the course of
history.

Mohandes K. Ghandi
(1869-1948). In
Harijan, 19
November 1938

New Graduate Spring 2011

Shodhan Patel completed the M.S. Medical Physics program this past May. We Congratulate Shodhan and applaud his efforts. Shodhan is dedicated to making a difference and to always striving for excellence as a Medical Physicist. I asked Shodhan about how he found

RTU and his experience here. In summary, Shodhan found RTU while seeking opportunities that would allow him to further his education and continue to work. Highlights of the program for Shodhan were the strong, clinically focused Faculty and the ability to ac-

cess coursework and lectures **anytime and anywhere** he had internet access. The blended learning environment also allowed him to keep up with his family activities and continue working to support his family.



A.S. to B.S. Medical Dosimetry Degree

**New Program Approved by
Indiana Commission on
Proprietary Education
On September 13, 2011**

This new Associate of Science to Bachelor of Science, Medical Dosimetry program caters to those Radiation Therapists and Medical Dosimetrists who have the desire to earn a bachelors degree. The two year program is offered in the same blended learning environment as our masters programs. The majority of the coursework is completed online along

with one week of boot camp per semester that requires student attendance.

RTU met with Professor Carol Kirkner, Dean of Health Sciences of Ivy Tech Community College. Ivy Tech offers classes online and enrollment is open to individuals outside the State of Indiana. Carol has graciously volunteered to personally review transcripts and counsel individuals on what courses they need to complete their A.S. degree. For more information on how to reach Professor Kirkner, contact Becky Turak at

574-232-2110 or by email at bturak@rtuvt.com

Contact our offices at 877-411-7238 to get more details.

We are accepting applications for Spring Semester, beginning January 9, 2012. The application deadline is December 1, 2011.

Visit our website at www.rtuvt.com and click on the 'Graduate Program' tab to apply online now or call us at 877-411-7238.

Medical Physics Residency

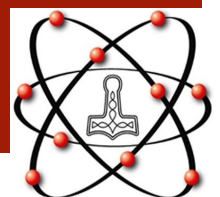
After many painstaking hours of research and development, RTU has submitted its Medical Physics Residency application to CAMPEP. Since it was clear that a new approach was needed with respect to the residency situation, RTU developed a unique hub and spoke concept. RTU's residency program offers the advantage of having the didactic components filmed and delivered through RTU's online course management system to AUGMENT the hands on training. RTU's Residency Program follows the guidelines of TG-90 and

TG-133. RTU anticipates having over 20 Medical Physics Residency positions in the next 12 months.

Errik Lemler, MS, RTU Graduate 2010, is an RTU Resident placed at IU-Goshen Health in Goshen, Indiana.

For more information on how the RTU Medical Physics Residency can work for your facility, Contact Melody Murphy at 877-411-7238. As a student interested in residency information, please contact Becky Turak at 877-411-7238

RTU and ARC (Advanced Radiotherapy Consulting) provide the education and training arm to Global Physics Solutions' Medical Physics Residency Program. ARC has trained interns and residents in Medical Physics for the past decade.



Congratulations!

RTU's first Medical Physics Graduates, Errik Lemler, Joseph Ying & Charles Walls passed Part I of the ABR Board Certification exam on August 29, 2011.

We are extremely proud of each one of them! They set the bar for our Students that follow to continue a 100% pass rate!

The Staff & Faculty of RTU commend our Graduates!



Dr. Renat Letfullin
Program Director,
Nanomedicine

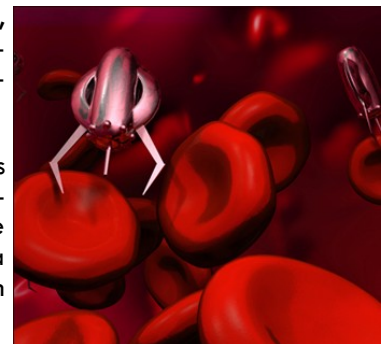
RTU and Nanomedicine in 2012

Dr. Renat Letfullin of Rose-Hulman Institute of Technology has joined forces with RTU to develop a Master of Science degree program devoted to nanotechnology and nanomedicine. This new program begins in January 2012. With the rapid and constant evolution of science and technology in the 21st Century, in particular these areas, Dr. Letfullin has the foresight to see that there is a need for such a degree. Our future depends on it. The exploration of nanomedicine will lead to new insights in diagnostics and therapy. This innovative masters program promises to teach the latest scientific breakthroughs in nanotechnology. The program focus is on the diagnostic and therapy applications of nanomedicine. The research and education outcomes will be applied to the development of next generation treatment options for disease and the instrumentation used to deliver it.

RTU's program is the first of its kind in the nation and builds the bridge between nanotechnology, medicine and treatment of disease. Dr. Letfullin and the rest of the RTU faculty will provide students with the knowledge, skills, and practical experience necessary to lead the way in this exciting area.

Entry into this program requires a Bachelor of Science degree in a variety of science, math, physics, or engineering backgrounds. Career opportunities include those in biomedical technologies, medical physics, pharmaceutical and drug development and academic and industrial research.

This program provides students with the knowledge, motivation, and self-learning skills required for continuous professional development along with complex project experience and problem solving. Our goal is that these students use their potential to become future leaders and champions of nano health. Students will have the option of having a primary or dual program focus. A dual focus would have an additional emphasis on Medical Physics.



Radiological Technologies University seeks to inspire and cultivate vision through personal involvement of students with faculty and staff toward achieving technical expertise for success in a diverse and changing society. Radiological Technologies University accomplishes this mission through its dedication and commitment to addressing the academic needs of students seeking opportunities to acquire high level skills in specific technical areas for rapid entry into a global workforce.



**Radiological
Technologies
University VT**

100 E. Wayne St.
Suite 140
South Bend, IN 46601

Phone: 877-411-7238
Fax: 574-232-2200
E-mail: info@rtuvt.com

Continuing Education Opportunities

RTU continues to be a resource for professionals in the field seeking upper level physics courses in order to be eligible to sit for the ABR Board exam. To this catalogue of classes, we have recently added Anatomy & Physiology. RTU thanks Kelsey Soderstrom for creating the curriculum and devoting her time and expertise to RTU in expanding its course offerings. Dr. Renat Letfullin has also assisted in the expansion of courses and programs at RTU. Dr. Letfullin developed a Seminars Course entitled Practical Research Experience. This is a science-oriented multi-disciplinary course where the students will be introduced to the nature of performing fundamental research. Students will receive training in research techniques on real life example projects, including

the development of sophisticated models; numerical simulation methods for solving complex problems in modern science; and gaining experience in writing a research report/paper.

For more information on these (college credit) continued education courses, call 877-411-7238 or email us at info@rtuvt.com

Courses offered Spring Semester 2012 include:

- General Physics II
- Modern Physics
- Electricity & Magnetism
- Thermodynamics
- Nuclear Physics



'Like' our Facebook Fan Page:

<http://www.facebook.com/home.php#!/pages/Radiological-Technologies-University-VT/127393802637>

And 'Follow' Us on LinkedIn at:

<http://www.linkedin.com/company/2024870?trk=tyah>

www.rtuvt.com