

12/21/2022

RE: Undergraduate Updates

Dear BME Undergraduates,

I cannot believe we got through another semester! I hope everyone is doing well on their finals, and it was great to see so many of you at our Mega De-Stressor Event last Friday!

As we wrap up the semester, I just wanted to remind everyone that the undergraduate administrator, Ms. Linda, left BME for a new opportunity within Rutgers. Please be patient with requests as our staff adjusts. In Ms. Linda's absence, I am now in charge of SPNs, so please email your requests if needed. Here are some important reminders:

Internships and co-ops can count for technical elective credits! Please fill out the form in the handbook PRIOR to starting your experience so it can be approved, just be mindful of how a co-op may impact your pre-reqs and potentially change your date of graduation.

If you have questions regarding anything that is beyond just BME (courses in other departments, status for graduation, probation, etc) INCLUDING DEGREE NAVIGATOR QUESTIONS, please contact an SOE advisor. If your Degree Navigator is not reflecting a technical elective that was already approved, such as an internship, please use this chat for help or submit a Degree Navigator Update form.

[CHAT with an Advisor directly \(weekdays 10am - 4pm\)](#)



REMINDER: every student has an **assigned BME advisor**! Don't know yours? Reach out to me! Your advisor is there as a first point of contact and can point you in the right direction! Advisors can only ADVISE, they cannot override pre-reqs, assign SPNS, or perform any duties that require undergraduate director or dean approval. But they are a great start to forming a relationship with someone in the department who can help you navigate your time with us!

UPCOMING EVENTS

Interns Present 2023 is still recruiting participants! This event is held during National Engineers Week, and current upperclassmen, underclassmen, and alumni come together to learn about the internship experiences afforded to our undergrads. You can apply through [THIS LINK](#) through **January 9th, 2023**. If you have any questions, please do not hesitate to contact the event organizers at rutgersinternspresent@gmail.com or through Instagram [@ru_internspresent](#).

MEDTRONIC will be holding an info session sometime in January a part of our partnership for a summer internship as a Clinical Specialist in their Cardiac Rhythm management division. This is a great to experience a unique role as a BME and could potentially lead to a job offer after graduation! The job description is at the end of this newsletter, and details for the info session (via Zoom) will be shared in January.





MEET YOUR UNDERGRADUATE DIRECTOR

I will continue to hold OPEN OFFICE HOURS next semester, time and day TBD but likely Friday afternoons again since that seemed to work well this term.

Please do not hesitate to contact me with any questions or concerns!

I wish everyone a wonderful holiday season and a relaxing break! See you next year!

Regards,

A handwritten signature in black ink, appearing to read "Kent ZP".

ACE SUMMER ASSOCIATE, Cardiac Rhythm Management JOB DESCRIPTION Hired through Consult

Date Last Updated: October 4, 2021

Medtronic

Bring your talents to a leader in medical technology and healthcare solutions. Rooted in our long history of mission-driven innovation, our medical technologies open doors. We support your growth with the training, mentorship, and guidance you need to own your future success. Join us for a career in sales that changes lives.

CAREERS THAT CHANGE LIVES - POSITION DESCRIPTION:

Clinical Specialists provide technical, educational, and sales support to assist the district in meeting pacemaker and defibrillator sales and customer service objectives. Cardiac Rhythm Management (CRM) seeks candidates who will meet our customer expectations by striving without reserve for the greatest possible reliability and quality in our products, processes and systems by being accountable, having a voice, and taking action. Clinical Specialists assist sales representatives in covering their territory.

The summer associate would work with a field mentor, following them into cases and clinics throughout the sales territory. They will focus on training through the modules for Core and Fundamentals. Each week, the summer associate will have a meeting with the technical field engineer on relevant topics. The summer associate program objective is to prepare participants for a possible future career in the Service organization with Medtronic as a Clinical Specialist. The following provides detail for this full-time role as a *reference only* for future career progression.

A DAY IN THE LIFE – FULLY TRAINED CLINICAL SPECIALIST (*Reference Only*):

- Technical Support
 - Successfully completes CRM Field Technical Training – including online and field-based training
 - Performs checks/interrogations of all CRM medical device systems post sign-off
 - Supports implants of all CRM products post sign-off
 - Provides on-call support as needed on evenings and weekends post sign-off
 - Provide troubleshooting support as requested
- Operational Support
 - Assures completion of patient registration and any other required hospital documentation
 - Helps manage consignment inventory and trunk inventory once obtained
 - Provides additional inventory support to meet customer needs
 - Maintains software on programmers throughout the district as directed
 - Assists with managing daily coverage logistics as needed
- Educational Support
 - Educates and trains physicians, hospital personnel and office staff on products or solutions for which training has been completed
 - Assists with educating and training new Clinical Specialists and Sales Representatives post sign-off
- Sales Support

- Partners with DSM, Sales Reps and DM to learn market dynamics and local customer motivations and needs; has a basic understanding of how Medtronic CRM products and solutions offer value to the customer
- Assists with obtaining customer POs throughout the quarter
- Has a basic understanding of the competitive landscape
- Independently identifies customer needs and opportunities and provides feedback to Sales Rep(s) to support sales objectives
- Ongoing Technical Development
 - Stays up to date on new products, solutions and patient management offerings
 - Completes all assigned training in a timely manner
- Performs other related duties as assigned

MUST HAVE - MINIMUM QUALIFICATIONS:

IN ORDER TO BE CONSIDERED FOR THIS POSITION, THE FOLLOWING BASIC QUALIFICATIONS MUST BE EVIDENT ON YOUR RESUME

- Pursuing a degree in Biomedical Engineering
- Completed Junior year of college at the start of the program (or equivalent of having one final year to degree completion)

NICE TO HAVE - DESIRED/PREFERRED QUALIFICATIONS:

- Excellent interpersonal, written/verbal communication skills
- Ability to coordinate/participate in numerous tasks/projects in a fast-paced environment in an organized manner while meeting deadline
- Strong Communication skills and work ethic
- Self-Motivated
- High level of Learning Agility
- Relocatable within US (ideally within Region)
- Demonstrated leader and collaborator through group projects
- Involved in extra-curricular activities

PHYSICAL JOB REQUIREMENTS:

- The physical demands described within the Responsibilities section of this job description are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions
- Frequent required travel to customer clinics, hospitals and offsite meetings. While performing the duties of this job, the employee is regularly required to be independently mobile
- Environmental exposure to infectious disease and radiation
- Clinical Specialists are required to be within their assigned territory each day to be available as unscheduled needs arise. CS's are required to work a number of weekend and holidays during the quarter, as determined by local management. Weeknight call coverage is the primary responsibility of the Sales Rep, however, at times, business and/or geographical needs require a CS to be scheduled for week night coverage as approved by regional management.
- Must have a valid driver's license and active vehicle insurance policy. In addition, your driving record will be reviewed and will be considered as part of your application

Travel Requirements:

- Minimum travel of 10%

ABOUT MEDTRONIC

Together, we can change healthcare worldwide. At Medtronic, we push the limits of what technology can do to help alleviate pain, restore health and extend life. We challenge ourselves and each other to make tomorrow better than yesterday. It is what makes this an exciting and rewarding place to be.

We can accelerate and advance our ability to create meaningful innovations – but we will only succeed with the right people on our team. Let's work together to address universal healthcare needs and improve patients' lives. Help us shape the future.

It is the policy of Medtronic to provide equal employment opportunity (EEO) to all persons regardless of age, color, national origin, citizenship status, physical or mental disability, race, religion, creed, gender, sex, sexual orientation, gender identity and/or expression, genetic information, marital status, status with regard to public assistance, veteran status, or any other characteristic protected by federal, state or local law. In addition, Medtronic will provide reasonable accommodations for qualified individuals with disabilities.

This employer participates in the federal E-Verify program to confirm the identity and employment authorization of all newly hired employees. For further information about the E-Verify program, please click here: <http://www.uscis.gov/e-verify/employees>

The above statements are intended to describe the general nature and level of work being performed by employees assigned to this classification. They are not intended to be construed as an exhaustive list of all responsibilities, duties and skills required of employees assigned to this position.