

## **ESSENTIAL ATTRIBUTES**

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My career experiences have made me a well-rounded and skilled teacher and instructor.

- Mid-career professional with medical background and excellent teaching foundation
- Comfortable in working with administrators, parents and students
- Experienced at taking overwhelming, confusing situations and creating organization
- Excellent multi-tasking abilities; prioritize and balance workloads efficiently
- Quick and enthusiastic about learning
- Constantly striving to meet or exceed goals
- Always looking to work beyond expectations

## **EDUCATION**

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Slippery Rock University Graduate School of Education, Slippery Rock, PA MEd, GPA: 3.8/4.0.

Carlow College, Pittsburgh, PA, BS Biology, Certificate in Perfusion Technology, GPA: 3.3/4.0.

## **CAREER EXPERIENCES**

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**Teacher- Middle and High School**, Pittsburgh Public School District, 11/2011- 12/2013.

I have been responsible for implementing the curriculum to both high school and middle school grades. These courses include: Anatomy, Genetics, Biology, Life Sciences, Physical Sciences and Earth Sciences.

- Effectively use differentiated instruction to meet all students' needs while promoting their individual strengths in collaborating with special education teachers. I use technology and inquiry based activities every day in my classroom by using audio, visual and kinesthetic stimuli to address multiple learning styles.
- Use of rituals and routines to engage students as soon as they walk into class
- Enhance the curriculum with various updated and interesting experiments and activities not found in the textbook-curriculum
- Wrote lesson plans to accommodate gifted students and allow for their own interpretations
- Allow for investigation of new material using laboratory resources, inquiry activities and hands-on research
- Use PSSA and Keystone material to have students practice test skills before the spring testing dates
- Monitor and interpret Individual Education Plans

**Teacher -LTS**, Butler Intermediate High School, 7/2011- 11/2011

I was responsible for implementing the curriculum in teaching Academic and Basic Biology to tenth grade students. Lessons were created by incorporating audio, visual, and kinesthetic stimuli to address multiple learning styles using Promethean Board and PowerPoint technology.

- Aroused interest in subject matter for students by effectively using discrepant events
- Collaborated with special education teachers to meet all students' needs while promoting their individual strengths by effectively using differentiated instruction,
- Designed daily learning modules regarding Biology portion of Keystone Exam
- Monitored and interpreted Individual Education Plans

**Staff Perfusionist and Instructor, Shadyside Hospital (later Biotronics) 1986-2008**

I worked in cardiac surgery as a perfusionist. As a perfusionist, I am responsible for operating the heart-lung machine which maintains the oxygenated flow of blood for the patient during open-heart surgery

- Taught Perfusion Technology, Fluid Physics and Oxygenation to students at Shadyside Hospital School of Cardiovascular Perfusion as a clinical and didactic instructor
- Interacted with the surgeons, anesthesiologist and other support staff, providing communications critical to the outcome of the surgery while supervising perfusion student.
- Responded to unexpected and emergent situations during open-heart surgery and taught my students how to respond to these crucial situations
- Developed perfusion department policies and procedures, entered data from all open-heart patients into a system-wide data base and prepared and submitted billing information for my services
- Prepared monthly reports on Chemoperfusion cases at North Hills Passavant Hospital

**President, Mars Area Recreational Sports 2003-2008**

I was responsible for the management and operations of the organization which had over 360 youth when I retired from this position

- Oversaw monthly board meetings that were open to the public.
- Drafted and maintained a budget that was manageable for the organization and participants
- Conducted all necessary on site operations during football games and other events
- Ordered and maintained all equipment for participants

**Treasurer, Mars Area School District Parent-Teacher Organization, 2002-2007**

I was responsible for maintaining all accounts receivable and accounts payable for the organization.

- Paid all invoices in a timely fashion
- Made all deposits of cash and checks within 24 hours of receiving
- Maintained an accountable ledger of all transactions made within the organization
- Produced a budget that was adequate for all students from grades K-5 in the Mars Area School District. This budget included the expenses for all events and teachers in these grades from August through June
- Supplied professional accounting service with documents and records of all transactions to be audited (outside audit)

**Various positions**, these positions include working as a office secretary, data entry and customer service in mortgage industry and substitute teaching within different school districts in the area.

**Memberships and Certifications**

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- **Professional Teaching Certificate, Pennsylvania in Biology #11613231**
- **Chemistry Teaching Praxis to be taken March, 2014**
- Member of National Science Teachers Association (NSTA)
- Member of National Biology Teachers Association (NBTA)
- Member of Pennsylvania State Educators Association (PSEA)
- Member of National Educators Association (NEA)