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## SENIOR RESEARCH ( SENIOR PROJECT I )

10-51-501

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### Library Assignment

1. For this question, a scientific expert is defined as someone that has been working in a field for more than 10 years and has published approximately one refereed scientific publication per year in that field (10 papers in 10 years). Find an expert in the field of \_\_\_\_\_ (your choice, but not at RIT)\_\_\_\_\_. To support your claim, provide their name, affiliation, address, e-mail address, phone number, professional web page address, list of their refereed scientific publications in the past 10 years, and how many times these papers were cited in 1998.
2. What is the hypothesis of your research? List ten refereed primary literature references related to the hypothesis of your research. List the authors, title, pages, etc. for each, along with a description of how you found the material.
3. What is the format for referencing an a) journal article, b) conference proceeding, c) book, and d) chapter in a multi-author book in the Wiley journal Magnetic Resonance in Medicine?
4. In 1993, Scott D. Szeglowksi published the results of his CIS senior research project in the scientific literature. What was the title of his article, journal, volume, page numbers, and year? How many picofarads of capacitance were used in constructing the imaging device?
5. In 2000, David H. Chang published the results of his CIS senior research project the scientific literature. What was the title of his article, journal, volume, page numbers, and year? In his project, he used synthetic \_\_\_\_\_.