

Date: September 5th, 2016

Subject: Pediatric Allergy/Immunology- Career Outlook

MLA Citation:

"CoPS." *CoPS*. Ed. American Pediatrics. APA, 2 Aug. 2016. Web. 05 Sept. 2016.

<<http://www.pedsubs.org/subdes/allergy-immunology.cfm>>

Farber, Harold J. "Introducing *Pediatric Allergy, Immunology, and Pulmonology*." *Pediatric Allergy,*

Immunology, and Pulmonology. Mary Ann Liebert, Inc., 14 Mar. 2010. Web. 05 Sept.

2016. <<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3269219/>>

Goddard, Clive. "History of Pediatric Immunology." *PharmaDeals Review PDR2009.10* (2009): pag. *Special Article*. Department of Pediatrics, June-July 2001. Web. 5 Sept. 2016.

<<http://www.nature.com/pr/journal/v57/n3/pdf/pr200575a.pdf>>.

Assessment:

I have always had a passion towards leading a career in the medical field, specifically in the pediatric profession. I am excited and looking forward to my ISM journey on learning the essentials in becoming a pediatric immunologist and knowing the basics behind the profession. I have a basic understanding of the necessary requirements and foundational skills needed to achieve a position as a specialized pediatrician but to become successful in such an area, a deeper understanding of this field is required. Through extensive research on the basics of pediatric immunology with web and research articles, I have gained knowledge on the general background of this field; how it started, how this field was morphed into a separate research branch of itself, as well as the technical aspects into becoming a pediatric immunologist and where to began from.

In an article simply named "Allergy and Immunology", it explained the basics of being an Allergist or Immunologist and the necessary steps it takes to becoming a practicing doctor. This field has a range of opportunities both in the research area as well as the clinical practice department. Allergy and

Immunology revolves around treating patients and diseases related to the immune system or with respiratory system problems that have been frequently been diagnosed. I have always had a passion in working with kids and being in an environment surrounded by kids, hence the interest in the specialization of a pediatric immunologist. The basic job description of a pediatric immunologist according to the article states that I must be able devote 40 hours per week as a subspecialist in this field. Much of the work load is dependent on the practice setting but inpatient care as well as on call duties require weekend attendance at times as well. In order to become a pediatric immunologist certification from the American Board of Allergy and Immunology, American Board of Pediatrics and American Board of Internal Medicine is required. The article summarized the basics of entering this field and prepares me for what is to come. The information allowed me to decide what classes I should continue to take throughout high school and what majors I may want to consider for the future.

The second article called "Introducing Pediatric Immunology touched base with the general characteristics and qualities of a pediatric immunologist. It described how immunology recently became a well known medical field as before it was applied in the use of lung disease and disorder. I learned that there are thousands of job opportunities and availabilities for a general Allergist/Immunologist as those are in need of but specialized pediatric doctors are plentiful and are now not urgently needed in the medical society. Air borne diseases affect the world population in general on a day to day basis whether it is as simple as the influenza virus or as consistent and threatening as asthma, the urgent need for Allergists our immunologists in our society has increased in the past decade. This article also mentioned the basic salaries regarding scarcity of the profession. I knew that an average pediatrician earned around \$200,000 a year, but a specialized pediatrician of any sort will earn 5% more annually increasing the value of a pediatric immunology.

Lastly, I read about the history of pediatric allergy and immunology in an article titled “The history of pediatric immunology”. Immunology is a broad and general field of study that hits every main part of the pediatrics study. The article helped me understand the importance of getting out in my community and applying such factual information to real life situations. The whole point of ISM is to explore our career interests and applying them to our lives to get a feel of what it is like to be in the real world. I felt like I was able to connect with this article because it gave me advice on how to adapt such a vast field on day to day life. Immunology is such a common topic that pertains to everyone considering the airborne diseases that are highly contagious. This has helped me to understand the work that will go into ISM.

All three documentations have helped me to understand my given ISM topic and the required basics needed to become a pediatric immunologist. Although practicing is something that I’ve always wanted to pursue my career in, medical research has come to a point of interest in my study. I have gained more knowledge on the basic difference between allergy and immunology and how both contribute to each other. I have a basic understanding of the educational requirements and what it means to be “dedicated”. I hope that my ISM journey will really bring out my passion and love towards the medical field.

Rubric rating submitted on: 9/18/2016, 11:48:06 AM by speicee@friscoisd.org

	10	8	5	0
Understanding Your score: 10	Thoroughly describes and paraphrases the information. Thoroughly answers the question "What did you learn?"	Adequately describes and paraphrases the information. Adequately answers the question "What did you learn?"	Somewhat describes and paraphrases the information. Somewhat answers the question "What did you learn?"	Does not describe paraphrase the information. Does not answer the question "What did you learn?"

<p>Applying Your score: 8</p>	<p>Thoroughly applies and illustrates the information. Thoroughly answers the following questions: "Why is this information relevant to you, your learning, your topic, and your ISM journey?"</p>	<p>Adequately applies and illustrates the information. Adequately answers the following questions: "Why is this information relevant to you, your learning, your topic, and your ISM journey?"</p>	<p>Somewhat applies and illustrates the information. Somewhat answers the following questions: "Why is this information relevant to you, your learning, your topic, and your ISM journey?"</p>	<p>Does not apply and/or illustrate the information. Does not answer the following questions: "Why is this information relevant to you, your learning, your topic, and your ISM journey?"</p>
<p>Analyzing Your score: 10</p>	<p>Thoroughly analyzes, examines, and breaks down the information. Thoroughly answers the questions: What are the key parts of this information? How can it be classified? Thoroughly connects to prior knowledge and thoroughly explains whether or not the information changed or modified prior knowledge</p>	<p>Adequately analyzes, examines, and breaks down the information. Adequately answers the questions: What are the key parts of this information? How can it be classified? Adequately connects to prior knowledge and thoroughly explains whether or not the information changed or modified prior knowledge</p>	<p>Somewhat analyzes, examines, and breaks down the information. Somewhat answers the questions: What are the key parts of this information? How can it be classified? Somewhat connects to prior knowledge and thoroughly explains whether or not the information changed or modified prior knowledge</p>	<p>Does not analyze, examine, and break down the information. Does not answer the questions: What are the key parts of this information? How can it be classified? Does not connect to prior knowledge and does not explain whether or not the information changed or modified prior knowledge</p>
<p>Synthesizing Your score: 10</p>	<p>Thoroughly synthesizes prior knowledge with new learning to demonstrate continuous growth of knowledge. Thoroughly answers the questions: How</p>	<p>Adequately synthesizes prior knowledge with new learning to demonstrate continuous growth of knowledge. Adequately answers the questions: How</p>	<p>Somewhat synthesizes prior knowledge with new learning to demonstrate continuous growth of knowledge. Somewhat answers the questions: How</p>	<p>Does not synthesize prior knowledge with new learning to demonstrate continuous growth of knowledge. Does not answer the questions: How can I combine this</p>

	can I combine this new knowledge with my prior knowledge in order to facilitate continuous growth? How can I combine all of this information to create a plan to develop my original work?	can I combine this new knowledge with my prior knowledge in order to facilitate continuous growth? How can I combine all of this information to create a plan to develop my original work?	can I combine this new knowledge with my prior knowledge in order to facilitate continuous growth? How can I combine all of this information to create a plan to develop my original work?	new knowledge with my prior knowledge in order to facilitate continuous growth? How can I combine all of this information to create a plan to develop my original work?
Evaluating Your score: 8	Thoroughly judges/appraises the information. Thoroughly answers the questions: Was this new knowledge effective in helping me achieve my goals? Was this new knowledge helpful, surprising, encouraging, discouraging, motivating, disagreeable, controversial?	Adequately judges/appraises the information. Adequately answers the questions: Was this new knowledge effective in helping me achieve my goals? Was this new knowledge helpful, surprising, encouraging, discouraging, motivating, disagreeable, controversial?	Somewhat judges/appraises the information. Somewhat answers the questions: Was this new knowledge effective in helping me achieve my goals? Was this new knowledge helpful, surprising, encouraging, discouraging, motivating, disagreeable, controversial?	Does not judge/appraise the information. Does not answer the questions: Was this new knowledge effective in helping me achieve my goals? Was this new knowledge helpful, surprising, encouraging, discouraging, motivating, disagreeable, controversial?
Creating Your score: 8	Demonstrates a clear, detailed, and well-thought-out plan describing what you will do with/as a result of this new learning. Thoroughly answers the questions: How can I blend this new knowledge with previous knowledge to	Demonstrates a clear and well-thought-out plan describing what you will do with/as a result of this new learning. Adequately answers the questions: How can I blend this new knowledge with previous knowledge to create new ideas?	Demonstrates a somewhat clear and well-thought-out plan describing what you will do with/as a result of this new learning. Somewhat answers the questions: How can I blend this new knowledge with previous knowledge to	Does not demonstrate an acceptable plan describing what you will do with/as a result of this new learning. Does not adequately answer the questions: How can I blend this new knowledge with previous knowledge to create new ideas?

	create new ideas? What new questions have arisen as a result of this new information.	What new questions have arisen as a result of this new information.	create new ideas? What new questions have arisen as a result of this new information.	What new questions have arisen as a result of this new information.
Evidence of Proofreading Your score: 8	No grammatical, spelling, or usage errors.	Very few grammatical, spelling, or usage errors.	Too many grammatical, spelling, or usage errors.	Enough grammatical, spelling, or usage errors that the assessment is borderline incomprehensible.
Proper Heading/Format Your score: 8	All requirements met	Most requirements met	Some requirements met	Few or none of the requirements met.
Professional Tone Your score: 10	Entirety of assessment is written in the appropriate professional tone.	Most of assessment is written in the appropriate professional tone.	Some of assessment is written in the appropriate professional tone.	None of assessment is written in the appropriate professional tone.
Annotated Article Your score: 8	Thoroughly annotated article submitted with assignment	Adequately annotated article submitted with assignment	Somewhat annotated article submitted with assignment	No annotated article submitted with assignment

Comments: