

# Education

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**Time Allocation: 15%**

**Educational Philosophy:**

Dr. [redacted] has always been drawn to an academic career focused on teaching. Her educator efforts have involved one-on-one teaching with students, residents, fellows, nurses and APRNs as well as organized presentations including ground round presentations, resident didactic session and various other presentations. She developed and initiated an EEG lecture series for child neurology attendings, fellows, residents and EEG technicians that met weekly from 2013-2014. As the Child Neurology Program Director, she has worked to improve didactic sessions for child neurology residents, including arranging video recording of all UAMS Neurology lectures for child neurology residents to review, as well as arranging a 'child neurology crash course' of lectures for child neurology residents that will begin in the summer 2017. Dr. [redacted] remains committed to teaching, assuring that the students and residents who rotate with her gain a solid knowledge of the common neurological conditions in children.

**Highlights:**

- 1. Continuing rotation of lectures given to:**
  - i. Child Psychiatry Fellows**
  - ii. Developmental Pediatric Fellows**
  - iii. Pediatric and Medicine-Pediatric resident**
  - iv. Child Neurology Residents**
  - v. Adult Neurology Residents**
  - vi. Junior Medical Students**
  - vii. Summer Science/College students**
- 2. Outreach education/Invited presentations**
  - 1. Arkansas Pediatric EMS Expo 2015**
  - 2. Arkansas EMS Symposium 2015**
  - 3. Arkansas Women's Medical Association 2015**
  - 4. UAMS Neurology Interest Group 2015**
  - 5. Arkansas Pediatric EMS Expo 2014**
- 3. Created neurophysiology lecture series 2013-2015 and child neurology introductory course 2017**
- 4. Developed educational handouts for patients**
  - i. Multiple Sclerosis**
  - ii. General information for new neurology patients**
- 5. Continuing Medical Education**
  - i. Pediatric Grand Rounds**
  - ii. Neuroscience Grand Rounds**
  - iii. PEDs PLACE**
  - iv. UAMS/ACH Intractable Epilepsy Conference**

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## **Educational Activities:**

### **Fellows:**

Dr. [redacted] is involved in teaching child psychiatry fellows as well as developmental pediatric fellows who rotate through the neurology outpatient clinic. These fellows do a ½ day clinic once weekly for 3 months. During their time in clinic, Dr. [redacted] is able to help provide basic child neurology education to these fellows through direct patient care. Dr. [redacted] is also involved in formal didactic teaching for these fellows, providing lectures to all of the involved fellows during their didactic lecture series. From 2013-2014, Dr. [redacted], with the assistance of Dr. D. Samanta, created and implemented an electroencephalogram lecture series that met weekly on Thursday to review interpretation of pediatric EEGs. This lecture series was attended by EEG technicians, child neurology residents, epilepsy fellows and child neurology attendings. An example of an evaluation comment Dr. [redacted] received from this lecture series includes “the lecture was great. Her handout was very easy to follow and a good summary. Sharp’s case presentation complimented it well. The book these lectures [are based] is very verbose and hard to summarize. She did a great job” (evaluation 5-1-14).

### **Residents:**

Dr. [redacted] is involved in resident teaching on a daily basis. She works with child neurology residents, adult neurology residents, and pediatric residents. She attempts to teach the residents to critically evaluate each case and develop an appropriate differential diagnosis. Dr. [redacted] oversees residents on Team 7 during all inpatient service weeks, which includes an upper level pediatric resident and two pediatric interns as well as a child neurology resident and often an adult neurology resident. During each morning rounds, the residents are taught about the disease processes of the patients admitted. Formal didactic teaching is often done after rounds as well on common pediatric neurology subjects. While on call, Dr. [redacted] also has the ability to interact with other residents rotating through the ACH Emergency Department when she is called for consults, using these interactions as opportunities to teach. In the child neurology clinic, Dr. [redacted] also works one-on-one with the child neurology or adult neurology resident rotating through outpatient clinic. The residents do the initial evaluation on either new or follow up patients and Dr. [redacted] helps guide them on proper work-up and management. Pediatric residents also occasionally rotate through the outpatient clinic, allowing further teaching opportunities with these residents. Dr. [redacted] has also done formal didactic teaching with residents during their noon lecture series as well as formal didactic teaching of adult neurology residents at UAMS. In addition, Dr. [redacted] is also a content reviewer for the Pediatric Residency Core Curriculum.

In 2017, Dr. [redacted] with the help of Dr. Kapil Arya, developed an introductory course for Child Neurology. This course has 8 individual lectures given at the beginning of the academic year with goals and objectives given by physicians in the neurosciences. The lectures are attended by child neurology residents as well as adult neurology residents, medical students and neurology APRNs. This lecture series focusing on common neurological conditions in pediatrics and has been successful in 2017 with plans on repeating the course yearly.

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Recent feedback for Dr. [redacted]’ evaluations from residents have included such comments as “I enjoyed her enthusiasm for patients and teaching during rounds. I can tell she is an excellent physician” as well as “I thought that Dr. [redacted] was one of the best teachers on Team 7. I appreciated the fact that she would review EEGs with us and show characteristics of seizures vs pseudoseizures and their differences on EEG”. Adult Neurology resident’s comments have included “It was my pleasure to work with Dr. [redacted]. She is a very nice person, very helpful to residents. Takes good care of students and patients. Very good clinician” as well as “Dr. [redacted] was always available to discuss her patients and teach. She has great bedside manners and professional demeanor. I very much enjoyed working under her supervision”.

### **Medical Students:**

Dr. [redacted] works with medical students almost on a daily basis. Medical students rotate through child neurology weekly. During this time, Dr. [redacted] provides one-on-one teaching either on inpatient service or in outpatient clinic. In addition, Dr. [redacted] gives the combined Neurology-Genetics-Endocrine lecture with the assistance of Dr. E. Sellars to third year medical students rotating through pediatrics every 6-8 weeks. Dr. [redacted] has also been invited to give two special lectures to medical students in 2015, one to the UAMS Neurology Interest Group and another to the Arkansas Women’s Medical Association. In 2017, Dr. [redacted] became a preceptor for first year medical students, acting as a mentor to help teach the medical students how to perform a history and physical.

Previous comments from medical students after Dr. [redacted]’ lectures have included “Lecture was concise and efficient—refreshing” and “This lecture was great! A wide variety of common pediatric seizures were covered and explained in a direct, easy-to-understand manner. One of the best lectures we have had on Peds so far! Thank you!!”

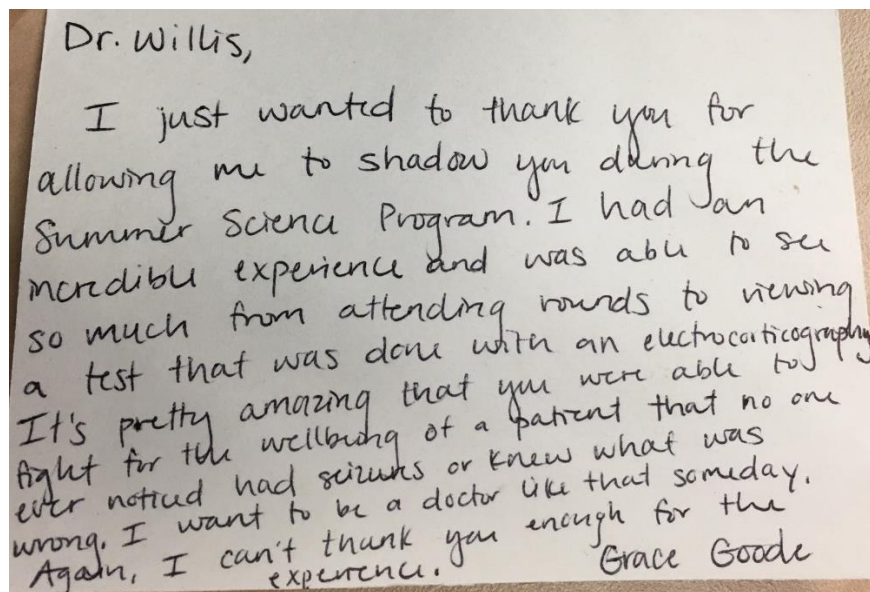
### **Summer Science Students:**

Dr. [redacted] has been involved in the Summer Science Program since 2012. Each year she gives a lecture to college students who are completing a research program at ACH. This lecture usually focused on epilepsy but also reviews the typical work involved in a child neurologist. Dr. [redacted] has been told that this is one of the most anticipated lectures of the summer series. In 2012, Dr. [redacted] also directly mentored a program member, Paul Drake. Paul worked with Dr. [redacted] on a research project involving subclinical seizures in pediatric traumatic head injury. She has remained a mentor to Paul through college, then medical school at UAMS, and as of July 2017, Paul will become a Child Neurology resident at UAMS/ACH.

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Below is a thank you note Dr. [redacted] received from a formal summer science student:



### Continuing Education for Physicians and Other Medical Professionals:

Dr. [redacted] has participated as a lecturer in a number of continuing medication education programs. She has given Pediatric Grand Rounds on Pediatric Multiple Sclerosis, UAMS Neurology Grand Rounds on Neurofibromatosis Type 1, ACH Peds Place on Pediatric ADEM and Transverse Myelitis as well as School and Home Management of Seizures, as well as multiple lectures for UAMS Pediatric Neuroscience Grand Rounds. Dr. [redacted] has co-developed an ANGELS treatment guideline for the emergency management of headaches in the pediatric ED. Dr. [redacted] has also been an invited lecturer to state wide meetings including the Arkansas EMS Symposium and the Arkansas Pediatric EMS Expo. During her lecture for PedsPLACE 08/18/16 on *Home and School Management of Epilepsy*, Dr. [redacted] reviewed a total score of 4.81/5 for her evaluation with comments such as "Excellent talk. Dr. [redacted] did a really great job covering pertinent info and gave great examples of her explanations". Her other PedsPLACE 12/18/14 was also well received with a total score of 4.74/5. During her lecture 07/22/14 on Multiple Sclerosis in Children: Understanding an Adult Disease in a Pediatric Patient, Dr. [redacted] received a total score of 4.70/5 with comments such as "this lecture was interesting, insightful and well-organized. I thought the research clearly supported the content discussed and it was a very useful guide to the basics of demyelinating neural disease in children. I really enjoyed the talk" as well as "very useful and helpful GR. A wonderful job by [redacted]; top quality and very informative".

Dr. [redacted] also attends and presents at monthly Epilepsy Conferences at the University of Arkansas for Medical Sciences. This monthly conference focuses on intractable epilepsy patients and evaluation for possible epilepsy surgery. Dr. [redacted] attends alongside other epileptologists and neurologists as well as neurosurgeons, neuroradiologists, neuropsychologists and residents/fellows. This is a CME approved conference series.

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Dr. [redacted] has also been invited for media interviews. She did an interview November 2016 with KATV concerning pediatric epilepsy as well as an interview June 2017 with KHTV concerning the ACH Comprehensive Epilepsy Program.

### **Formal Mentoring:**

Dr. [redacted] has served as a formal mentor to one or two child neurology residents per year during their pediatric years of training since serving as the Child Neurology Program Director. Dr. [redacted] meets with these residents at least twice per year, providing guidance and confirming appropriate academic advancements.

1. 2016-2017
  - a. Dr. Sarah Sobik
  - b. Dr. Stephen Jones
2. 2015-2016
  - a. Dr. Stephen Jones
3. 2014-2015
  - a. Dr. Sarah Cobb
4. 2013-2014
  - a. Dr. Ashley Stanley-Copeland
  - b. Dr. Vijeta Shukla
  - c. Dr. Sarah Cobb

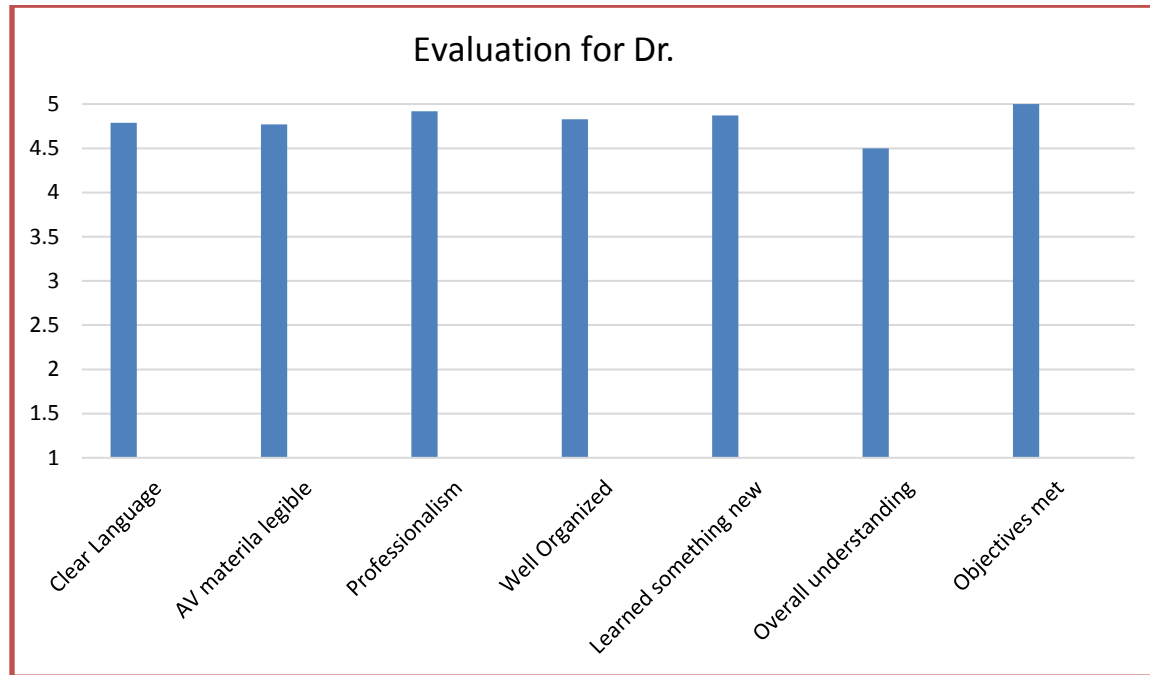
# Education

## Evaluation examples:

Evaluation from UAMS Ped Grand Rounds 07/22/14: *Multiple Sclerosis in Children: Understanding an Adult Disease in a Pediatric Patient*

Number of evaluations: 53

Total score: 4.70 (1=worst, 5=best)



## Comments:

**“Excellent! I agree that we don’t know much about this topic and so the knowledge needed to be shared! I also think it is useful to hear about focused clinics so we can refer patients.”**

**“This lecture was interesting, insightful, and well organized. I thought eh research clearly supported the content discussed and it was very useful guide to the basics of demyelinating neural disease in children. I really enjoyed the talk.”**

**“Excellent information and presentation; speaker was very knowledgeable with excellent experience and expertise.”**

**“Very useful and helpful GR. A wonderful job by ; top quality and very informative.”**

**“Excellent Update.”**

**“Great job !!!”**

**“It was helpful to have a review of similar conditions that may present similarly to MS.”**

**“Great presentation, I learned several aspects to look for in patients as well as differential diagnosis. Much more comfortable with this now.”**

**“ , Great job!! Thanks for making this so clear and clinically relevant.”**

**“Very useful clinical topic on a disease that we don’t get enough information or education on. Thanks.”**

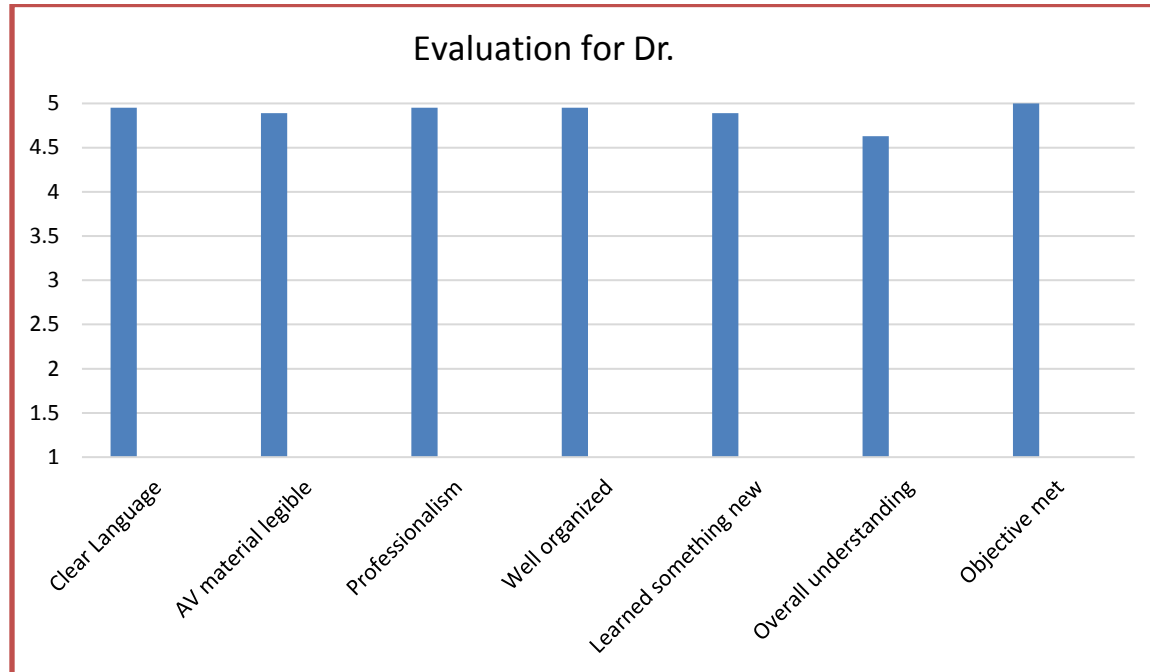
**“Good literature review and update on current diagnosis.”**

# Education

Evaluation from UAMS PedsPLACE 08/18/16: *Home and School Management of Epilepsy*

Number of evaluations: 20

Total score: 4.81 (1=worst, 5=best)



*Comments:*

**“Excellent talk. Dr. did a really great job covering pertinent info and gave great examples of her explanations.”**

**“Great education for general pediatrics”**

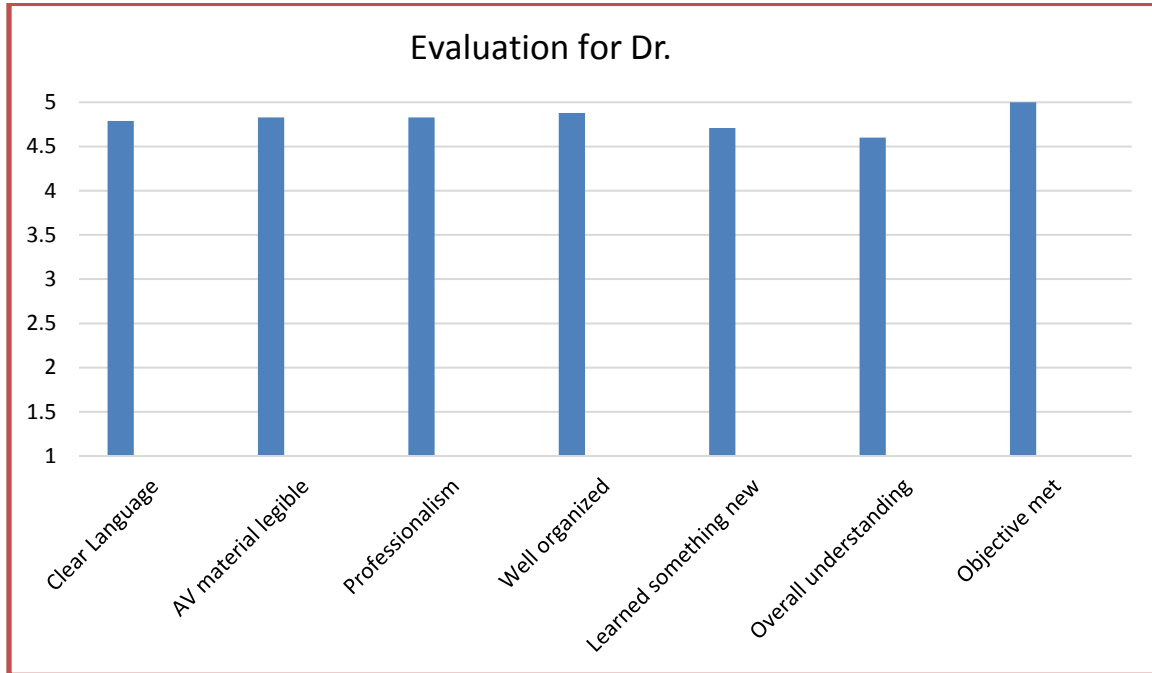
**“I love how these lectures are conducted! Very respectful of all questions and all audience members. Excellent learning environment”**

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## Evaluation from UAMS PedsPLACE 12/18/2014: Demyelinating Diseases-Guillian-Barre Syndrome/Transverse Myelitis

Number of evaluations: 43

Total score: 4.74 (1=worst, 5=best)



Comments:

**"It was very good"**

**"Excellent"**

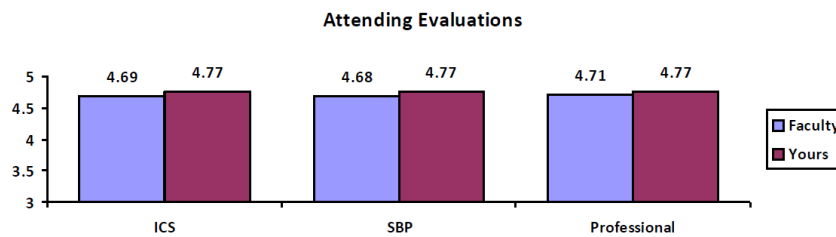
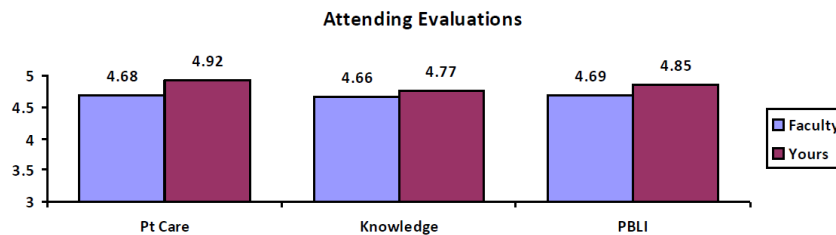
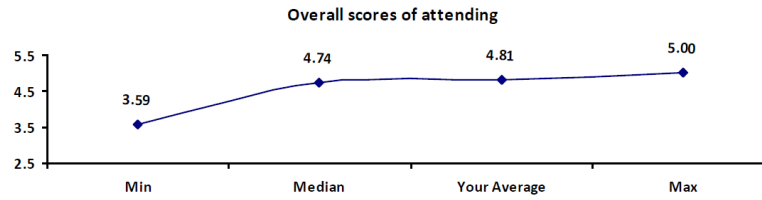


# Education

## FY2016 Pediatric Resident Evaluation Report for Dr.

Number of evaluations: 13

Total score: 4.61 (1=worst, 5=best)



### Comments:

**"I thought that Dr. [redacted] was one of the best teachers on Team 7. I appreciated the fact that she would review EEGs with us and show characteristics of seizures vs pseudoseizures and their differences on EEG."**

**"Great attending to work with. She took time to try and teach during a busy service."**

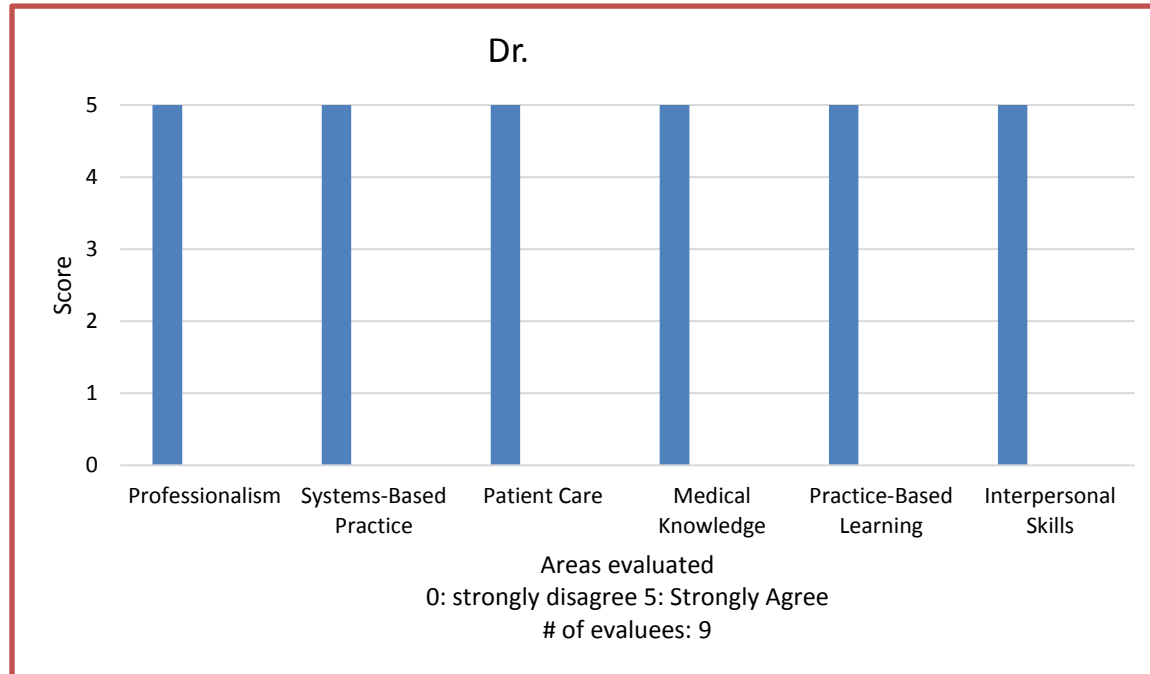
**"I enjoyed her enthusiasm for patients and teaching during rounds. I can tell she is an excellent physician."**

# Education

## FY2016 Neurology Resident Evaluation of Dr.

Number of evaluations: 9

Total score: 5.0 (1=worst, 5=best)



### Comments:



**Anonymous:**  
"Dr. Willis is great to work with and is always willing to help!"



**Anonymous:**  
"Excellent doctor, teacher, and program director. It's wonderful to work with her. She also really cares about her residents, and make this residency program very organized."



**Anonymous:**  
"It was great to work with Dr Willis, looking forward to working with her in future."



**Anonymous:**  
"Dr. Willis was always available to discuss her patients and teach. She has great bedside manners and professional demeanor. I very much enjoyed working under her supervision."



**Anonymous:**  
"It was my pleasure to work with Dr Willis. She is very nice person, very helpful to residents. takes good care of students and patients. Very good clinician."



**Anonymous:**  
"Great to work with, always helpful and thoughtful when I come to residents, great bedside manners with patients and families."

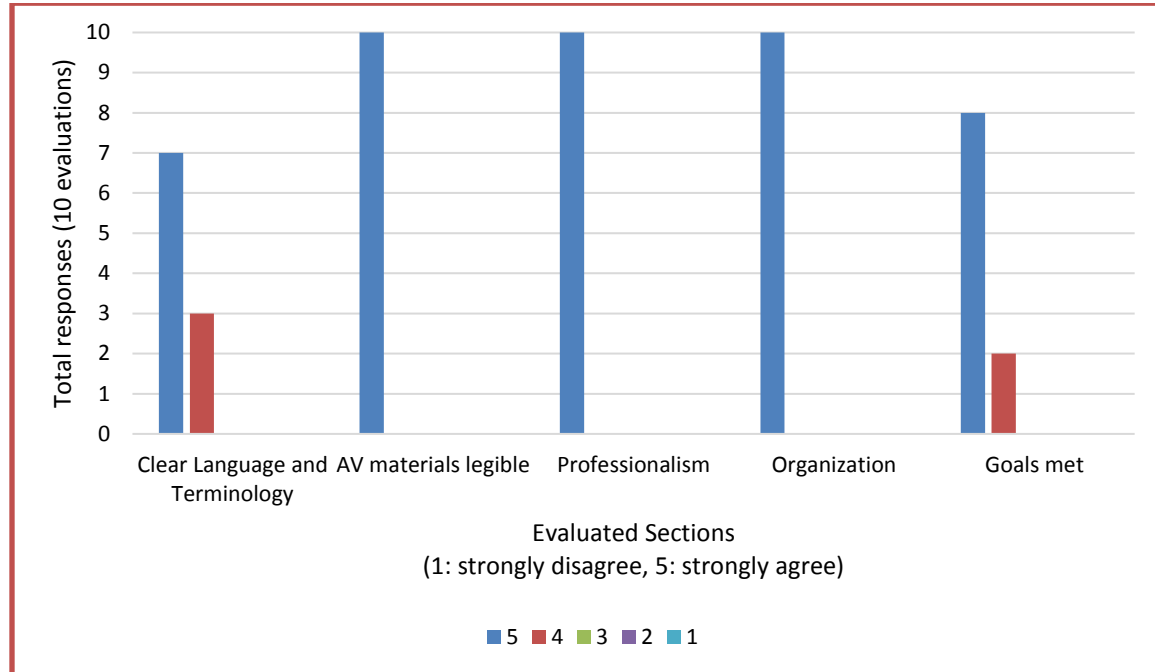


**Anonymous:**  
"Erin is an excellent clinician and teacher."

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Evaluation from Neuroscience Grand Rounds January 2015: Neuroimaging Techniques in Epilepsy (n:10):

Number of evaluations: 10



Comments:

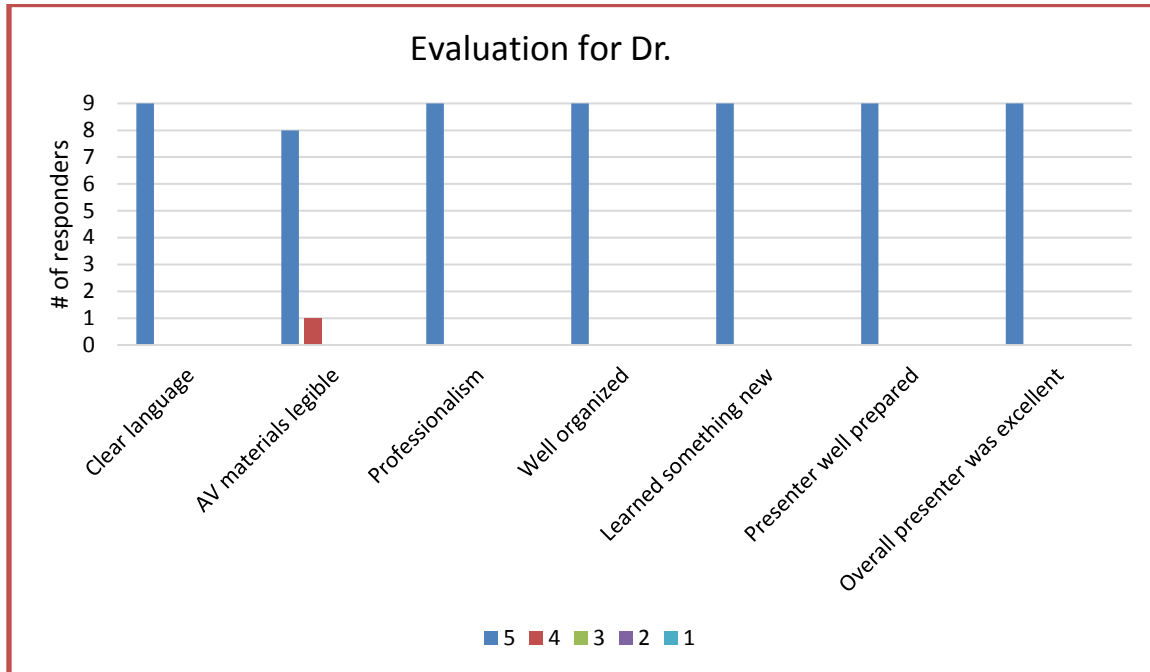
**“This is actually the first lecture I followed about the physics of neuroimaging.” “ did a good job.”**  
**“Excellent”**

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Evaluation for Child Developmental and Behavior Conference Series 11/17/16: *Childhood Tics*

Number of evaluations: 9

Score 1 (strongly disagree)-5 (strongly agree)



Comments:

**“Excellent, clinically relevant info.”**