1. **ชื่อ-สกุล ผู้เล่าเรื่อง** ดร.Christopher Rugaber คณะวิชา/หน่วยงาน ทัศนมาตรศาสตร์
2. **ชื่อ-สกุล ผู้บันทึก** คณะวิชา/หน่วยงาน ทัศนมาตรศาสตร์
3. **บทบาท หน้าที่และความรับผิดชอบของผู้เล่าเรื่อง** อาจารย์ประจำคณะทัศนมาตรศาสตร์
4. **เรื่องที่เล่า**

การเรียนการสอนที่เน้นผู้เรียนเป็นศูนย์กลางโดยยึดความสามารถของการปฏิบัติ

1. **บริบทหรือความเป็นมาของเรื่องที่เล่า**

### I believe that our goal as the faculty of optometry is to concentrate on the goal of teaching our students the skills that they will need to successfully work as an independent eye care professional within the larger Thai health care system. We must realize that our students have different levels of experience and academic aptitude, and tailor our programs to prepare them to serve the unmet eye care needs of the Thai / ASEAN community.

1. **วิธีการ/ขั้นตอน หรือกระบวนการที่ทำให้งานนั้นประสบความสำเร็จ**

In order to achieve the goal stated in point (5) above, I will:

1. Use material from English-language resource texts combined with material with photos and videos available on the internet to create lesson plans tailored for clinicians, rather than researchers.

2. Incorporate clinical scenarios into each lesson plan, so that the students may learn to use the material being taught in a practical way (the diagnosis and /or treatment of vision/ophthalmic disorders and ocular manifestations of systemic disease).

3. As much as possible, incorporate clinical procedures into each lesson plan. For example, when teaching about CN III, IV and VI, introduce the red-lens test and the head-tilt test as well. By constantly presenting case scenarios, we can teach our students to analyze and solve problems like clinicians.

4. Realize that each student has strengths and weaknesses, and teach the students how discover their own strengths and weaknesses. Then they can learn to compensate for and improve upon their weaknesses, and use their strengths to help their fellow students and society.

5. Use technology such as the internet, cloud storage, and cell-phone applications to teach students how to quickly and reliably access data they need to serve their patients, and emphasize data analysis and problem solving rather than data memorization.

6. Emphasize medical team-building and inter-professional referrals to create the best-possible outcomes for our patients.

7. Work as a team with Dr. Tawatchai, Dr. Watanee, and all my other colleagues both within and outside the faculty of optometry to find the best way that our graduates can serve the needs of the Thai people and the ASEAN community.

8. Constantly evaluate and revise my methods to ensure that I am working in harmony with the goals of the Faculty of Optometry and the administration of Rangsit University to meet the needs of our students.

1. **เทคนิคหรือกลยุทธ์ที่ทำให้เกิดความสำเร็จ**

I am patient, and willing to use a variety of methods to make sure the students understand, including photos, videos, and live demonstrations. I constantly review, explain the clinical relevance of the subject matter, and relate new subject matter back to subjects we have already learned.

1. **ผู้ที่มีส่วนร่วมทำให้เกิดความสำเร็จ และบทบาทของบุคคลนั้น**

I believe that students learn most effectively as a team, with students who learn more easily assisting students who have more difficulty learning. I believe that each student has unique abilities, and can use them to contribute to the group. I ask the class a question, and then ask a student who understands the topic being discussed to explain it in his or her own words to the group.

I also rely on Dr. Tawatchai and Dr. Watanee, following their example and asking for their assistance as needed.

1. **อุปสรรคหรือปัญหาในการทำงานและแนวทางในการแก้ปัญหา/อุปสรรคดังกล่าว**

My primary obstacle is my inability to fluently communicate in Thai language. I am overcoming this obstacle using photos, videos, live demonstrations, and a mix of English and mid-level Thai as I lecture. Then I repeatedly test the students to discover areas that need to be reviewed. This problem will diminish as I continue to study Thai language.

1. **ผลลัพธ์หรือความสำเร็จที่เกิดขึ้น คือ**

Continual improvement in each student’s analytical and practical problem solving skills, as well as in her or his optometric examination skills.

1. **การเรียนรู้ของผู้เล่าเรื่องจากประสบการณ์ความสำเร็จดังกล่าว**

Patiently work with the students to teach them, emphasizing practical knowledge and hands-on skills, constantly testing their knowledge and skills, reviewing very frequently until the students have demonstrated that they understand the material taught, can apply that knowledge in a clinical setting, and can successfully perform testing procedures at an appropriate level (Class level 1-6). Use IT systems such as Google for Education to provide easy access to a large variety of program and reference materials, emphasizing knowledge application and practical problem solving instead of memorization.

1. **สมรรถนะ (ความรู้ ทักษะ หรือทัศนคติ) ของผู้เล่าเรื่อง**

1. Visiting Professor at The Faculty of Optometry, Ramkhamhaeng University, teaching Optometric Procedures, Refraction, and supervising patient care.

2. Visiting Professor at Rangsit University Faculty of Optometry, Teaching Contact lens, Practical Optics Review, and Licensing Board Examination preparation courses.

3. Credentialed to practice at US Department of Defense Hospitals.

4. Licensed to diagnose and treat ocular pathology, provide perioperative care, and simple surgical procedures (superficial corneal foreign body removal, punctual dilation & irrigation, epilation)

5. Twenty-Five years experience in Private Practice; including refractions, contact lenses, gonioscopy, indirect ophthalmoscopy, interpretation of lab tests such as visual fields, ONH OCT, cultures, pachymetry

6. Optometry Section Chief at Cleveland Neighborhood Health Service satellite clinics

7. Performed perioperative care including A-scans for ophthalmic surgeon Edward Kondrot’s Butler office (cataract, LASIK, RK, PRK, PI, YAG posterior capsulotomy)

1. **ผลงานเชิงประจักษ์ของผู้เล่าเรื่อง คือ**
2. Lieutenant Colonel, US Air Force Reserve, Officer in Charge of the Optometry Section, 910th Medical Squadron, served as acting Commander, 910th Medical Squadron. Twenty years training and experience in large (600,000 member) organization management systems.
3. Optometry Unit leader for missions to Cambodia, Indonesia, Dominican Republic, Thailand
4. Owner and Founding CEO of Chicora Eye Care
5. Member: Beta Sigma Kappa Optometric Honor Society, American Optometric Association