Elsevier / ABHES
Master Teacher Award 2011
Master Teacher 2011

Toni Bethel, ADN, CMA (AAMA), RN (1984); ANA RNC (1990)
Medical Assisting Instructor
Community Care College, Tulsa, OK

Community Care College Outstanding Instructor Award, 2007 and 2010
Outstanding Peers & Colleagues
The more ways, the more connections, the more “hard-wired”, the better we retain the knowledge.
Arrows in My Quiver

Have more arrows in your quiver than you can use. ~Dr. Kevin Kirk, CCC
The Basics

Mnemonics
Lecture / Outline
Worksheets
Manikins / "Props"
Workbooks
PowerPoints
Multimedia
Study Guides
Assessments / Open Discussion

“Has anyone had any experience with this?”
“What was it like?”
Claps and Raps
Claps and Raps

“8-12-5-5-1”
Recitation / Miming & Gesturing
Comparisons / Explanations
Explanations

Neuron Action Potential & Na⁺/K⁺ Roles

Polarized (at rest)

Depolarized (stimulated)

Repolarized (at rest again)

Refractory Period

Action potential (nerve impulse) if threshold is met

Sodium Potassium Pump returns Na⁺ & K⁺ to their original places; neuron cannot be restimulated until complete.
Daily Feedback

Reviews (students teach)

- Lecture: 10%
- Reading: 20%
- Audiovisual: 30%
- Demonstration: 50%
- Discussion: 75%
- Practice doing: 90%
- Teach others

Source: National Training Laboratories, Bethel, Maine
Lab and Skills
Recap

Clap-and-raps
- PowerPoints
- Computer interactives
- Gesture
- Exercise to energize
- Google images

Teach each other Recitation
- Outline
- Graphic organizers
- Review
- Lecture

Change up the arrow frequently
- Worksheets
- Explanations
- Deep breathing relaxation to de-stress
- Manipulating
- Metaphors
- Props
- The Learning Pyramid
- Frequent quizzes
- Memory aids

Mnemonics
- Lecture in a nutshell
- Open discussion
- Anatomical manikins
- Short internet videos
- Assessing each other

Diagrams
Retention Rate

4th Quarter - 2010

- Toni
- Other CCC MA Instructors
CMA (AAMA) Pass Rate

2009 CMA Pass Rates Compared with the National Average

Toni Bethel's Students 77%
2009 National Average 64%
Passion

As teachers, we change our part of the world one life at a time.
Contact Information

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Ernest Sachs’ 12 Steps to Great Teaching

1. Know your subject thoroughly.
2. Be enthusiastic about teaching.
3. Be sincerely interested in students.
4. Link your subject matter with the everyday experience of your students.
5. Use illustrations and illustrative material whenever possible.
6. Make the student take an active part in every exercise.
7. Use his response as a guide for the next question.
8. Be adept in the art of questioning.
9. In exposition, be simple, logical, lucid.
10. In description, make the student see what you see.
11. In narration, arouse his curiosity.
12. Dramatize whenever possible, making use of suspense and surprise.

[Reprinted from the Yale Journal of Biology and Medicine, November 1952.]
Appendix B: Videos

Heart Valves video - Marcy Thomas (Wellesley)  
http://www.wellesley.edu/Biology/Courses/111/HeartValves.MOV

learner.org video - Immune System Overview  
http://www.learner.org/courses/biology/archive/animations.html

YouTube video - Neurite Outgrowth (annstewart82)  
http://www.youtube.com/watch?v=n_9YTeEHp1E

Animation - CSF (UCLA Education) [22 sec]  
http://www.cnl.salk.edu/~fellous/courses/coqs17f2/csf.mov

Eye Diseases videos - South Coast Eye Care Centers  
http://www.southcoasteye.com/informational-videos.html

YouTube video - Neutrophil Chemotaxis Chasing a Bacterium (FreeScienceClips)  
http://www.youtube.com/watch?v=EpC6G_DGqkl

YouTube video - Neutrophil Chemotaxis (FreeScienceLectures)  
http://www.youtube.com/watch?v=ZUUfdP87Ssg
Appendix C: Publisher’s Multimedia

"Study Stack" Coding Vocabulary – interactive
http://www.studystack.com/studytable-15888
Korotkoff sounds audio - Sports Health
http://www.csuchico.edu/atep/bp/bp.swf
Hormone Drag & Drop Match - zerobio.com
http://www.zerobio.com/drag_oa/endo.htm
Structure of the Eye (label) - Sumanas Inc.
http://www.sumanasinc.com/webcontent/toolsamples/sampledd.html
Dosage Calculation Practice
http://www.unc.edu/~bangel/quiz/testtab.htm