

Biomedical Engineering

Education

*Becoming the Best Educator You Can Be*

Career Development



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# Our Goals as Educators

- Student learning
- Professional satisfaction
- Personal/professional growth
- ~~Money~~
- ~~Stress free life~~



# Pathway to Success



# My Path

'86-'94

'94-'97

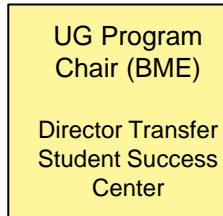
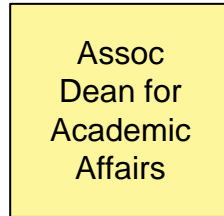
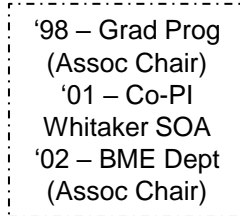
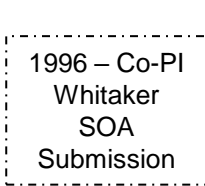
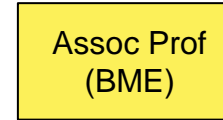
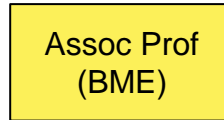
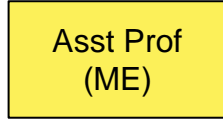
'97-'02

'03-'10

'10-'16

'16-'19

'19-Now



Scientific  
Research

Curriculum  
& Teaching



# Developing and Following Your Path

- Identify your goal
- Understand expectations for advancement
- Seek opportunities for development
- Choose commitments wisely
- Be open to changing paths



# Identify Your Goal

- Be the best teacher you can be
- Be a great teacher and explore new ideas in education
- Balance teaching and scientific research
- Advance to leadership positions



# Understand Expectations for Advancement

- What are advancement opportunities for your position?
- What are criteria for advancement?
  - Teaching excellence
  - Research – does educational research count?
  - Service
- What rank is required for leadership positions?



# Seek Opportunities for Development

- Specific to supporting your goals
- Conferences
  - ASEE
  - Discipline specific conferences with Education tracks
- Workshops
  - FIE - Frontiers in Education
  - ABET
  - NETI – National Effective Teaching Institute
- Fellowships
  - ELATE – Executive Leadership for Academic Technology and Engineering





# Seek Opportunities for Development

- Become an expert in (some aspect of) engineering education
  - Supports student learning
  - Makes you stand out from the crowd
  - Increases your value to your institution
- But don't get pigeonholed



# Choose Commitments Wisely

- Understand how they support your goals
  - Directly
  - Indirectly
- Learn how to say “no”



# Turn Obstacles into Opportunities

- Apply your engineering problem solving skills
  - Design a solution
- Don't simply accept no for an answer
  - Understand the issues to identify a path that works



# Be Open to Changing Paths

- Evaluate opportunities that present themselves
- Take chances that seem interesting
- Determine if the new path helps you reach your goals or moves towards new goals
- Don't look back and second guess yourself



# Let Yourself (and Others) Shine

- Support each other
- Don't be afraid to promote yourself
- Reach for opportunities
  - Be prepared for some disappointments



# Become Part of a Community

- Share ideas and best practices
- Back each other up in times of stress
- Develop connections to support
  - Promotion (and tenure)
  - Identification of new opportunities



# Open Discussion

