 COLUMBIA UNIVERSITY
MEDICAL CENTER

Scholarship: how to best leverage big department infrastructure

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Discover. Educate. Care. Lead.

Objectives

- Definitions and review of terms
- Goals and examples of scholarship
- Strengths and weaknesses of big programs
- Fellows' motivation

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	Description	Role of Fellow	Role of Program	Outcome
ACTA	Scholarly project	Completion		Dissemination – variety of means
CCM	Clinical or research project	Participation	Instruction in research design, conduct, analysis and interpretation of data	Dissemination – publication or presentation
Obstetrics	Scholarly project	Conduct or substantially involved	Faculty mentor	Presentation and publication
Pediatrics	Scholarly project	Completion	Instruction in research design, conduct, analysis and interpretation of data	Dissemination – variety of means
Pain	Scholarly activity	Participate	<ul style="list-style-type: none"> Basic principles of research, and their application to patient care Allocate educational resources to facilitate 	

Specialty-specific references for DIDs: Resident/Fellow Scholarly Activity. (June 2016). ACGME. Retrieved from https://www.acgme.org/Portals/0/PDFs/Specialty-specific%20Requirements%20Topics/DIO-Scholarly_Activity_Resident-Fellow.pdf

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Defining scholarship

What it is NOT:

- Committees
- Journal clubs
- Lectures

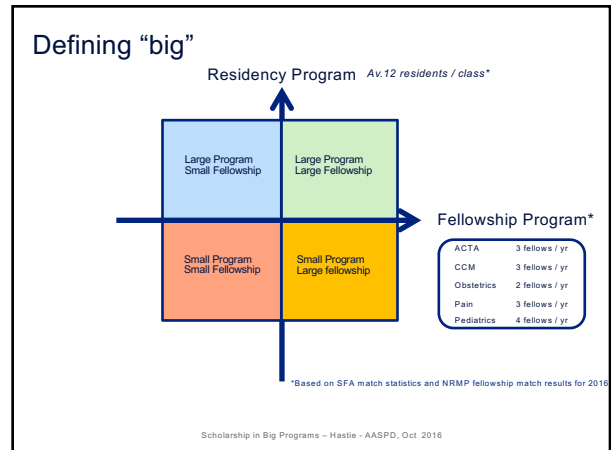
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Defining Scholarship

Discovery	Advancing knowledge	Research resulting in publication / abstract
Integration	Synthesizing knowledge	Case reports / studies
Application	Applying existing knowledge	Protocols and panels
Education	Disseminating existing knowledge	Curriculum design / Grand rounds

Grady, E. et al. *Defining Scholarly Activity in Graduate Medical Education*. JGME Dec, 2012

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Goals of a scholarship program

- Making the fellowship year count
- Recruitment strategy
- Prepare for academic career
- Prepare next generation of leaders in our specialty

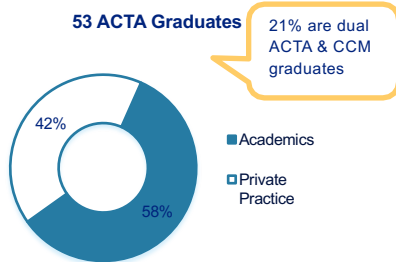
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ACTA Scholarly Tracks

	Skills	Faculty Mentor	Outcome
Research	Biostatistics; Turning research ideas to projects; Designing research protocols; submitting IRB protocols; collecting data		Approved IRB protocol / abstract / pilot study
Clinical / TEE	TEE quality improvement; Clinical management protocols;		Echo rounds / TEE conference case presentation / Grand Rounds presentation
Patient Safety QI	Identifying system's problems, participating in RCA		PS/QI project
Education	Learning theories; curriculum design; instrument design; education research		Simulation scenarios / OSCE development / Educational research project

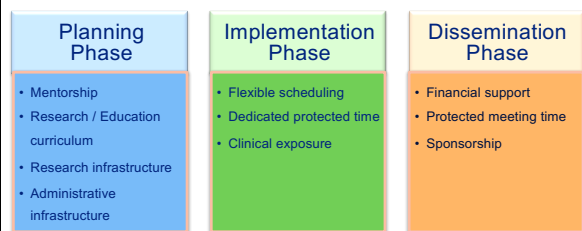
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Graduates of ACTA@CUMC – 2008 to 2016



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Scholarship: Big Program Strengths



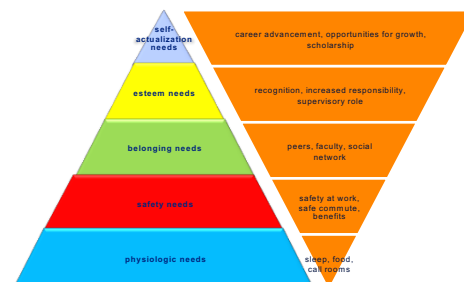
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- Busy clinical schedule
- Monochromatic view
- Depersonalized



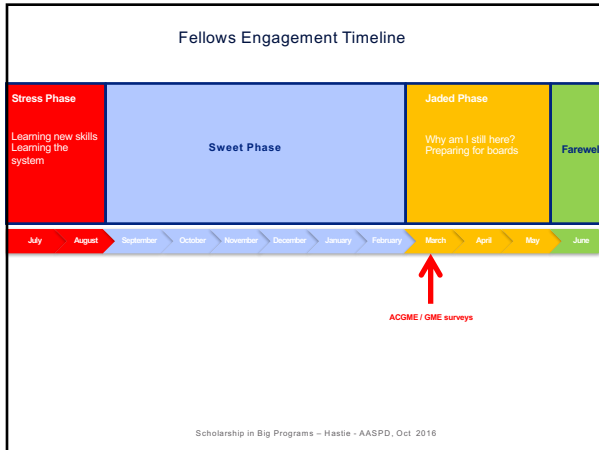
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Motivation theory – Maslow's hierarchy of needs



Adapted from Daft, R. L., Marcic, D. (2014). *Building Management Skills: An Action-First Approach*. (First Ed.) Mason, OH: South-Western Cengage Learning

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References

Specialty-specific references for DIOs: Resident/Fellow Scholarly Activity. (June 2016). ACGME. Retrieved from https://www.acgme.org/Portals/0/PDFs/Specialty-specific%20Requirement%20Topics/DIO-Scholarly_Activity_Resident-Fellow.pdf

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