

An Approach to Individualized Learning Through Pathways

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Background & Methods

New ACGME requirement for 6 months of individualized curriculum based on resident goals and developed with faculty mentorship.

Implementation Plan:

- Three Individualized pathways developed based on ideas collected from faculty and resident focus groups.
- 3 faculty members allotted 0.1 FTE to develop and mentor one of three pathways with residency leadership.
- Residents choose pathway half-way through second year.
- Pathways in place for 2013 -2014 academic year.

Overview

The Pathways:

1. **Inpatient:** hospital based disciplines
2. **Primary Care:** office based subspecialties
3. **Integrated:** hospital and office based careers

Pathway Specific Unit

4 week block unique to each pathway, focused on broadening resident exposure to skills pertinent to their field of practice.

Inpatient

- Leadership of multidisciplinary inpatient team
- Business of medicine: coding/billing
- QI, case management, transport

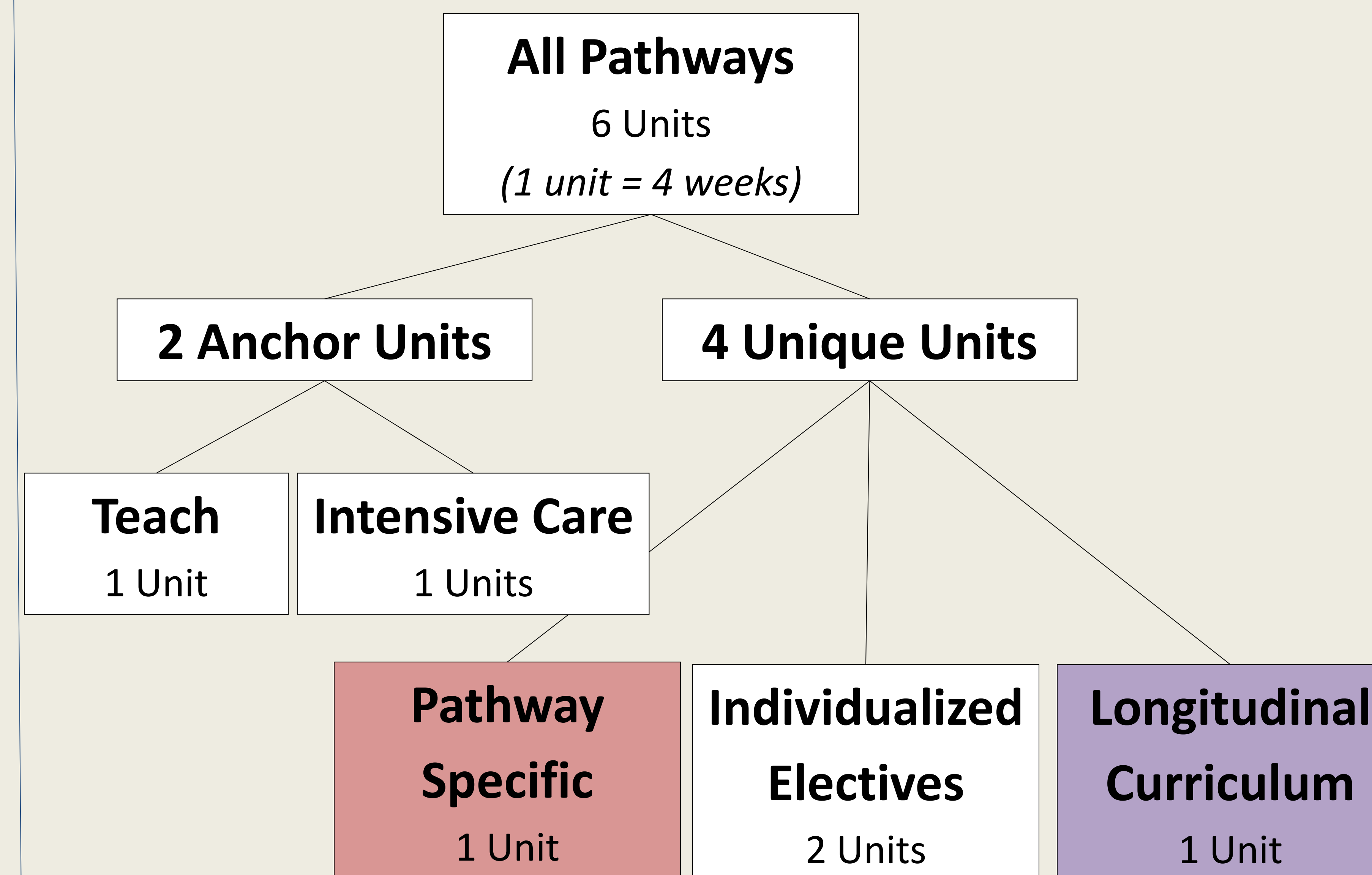
Primary Care

- Exposure to variety of outpatient settings
- Interdisciplinary care and office management
- Scholarly writing project

Integrated

- Inpatient & outpatient consultative medicine
- Transport medicine and phone triage

The Pathways



The Longitudinal Curriculum

32 x ½ day sessions spread throughout the third year

Experience	Inpatient	Outpatient	Integrated
Private Practice		X	X
Sports Medicine		X	
Grow Clinic		X	
NICU Follow-up		X	
Special Needs	X	X	X
Urgent Care		X	X
Child Protection	X		X
Simulation	X	X	X
Phone Triage		X	X
Transport	X		X
Sedation	X		

Resident Examples

	Resident 1	Resident 2	Resident 3
Pathway choice	<i>Inpatient</i>	<i>Integrated</i>	<i>Primary Care</i>
Career goal (short term)	Chief resident	Cardiology Fellowship	Academic Peds Fellowship
Career goal (long term)	Neonatologist	Interventional Cardiologist	Academic General Pediatrician
Individualized electives	Away NICU, Research	Research, Cardiac ICU	Child Abuse, Research
Mock code case	Inborn errors of metabolism	Supra-ventricular tachycardia	Foreign body aspiration in toddler

Lessons Learned

Leadership

Multidisciplinary team of pathway leaders is synergistic for curriculum development and resident mentorship.

Logistics

Longitudinal curriculum scheduling disruptive to resident electives and requires significant time to coordinate schedule.

Solutions:

- 2014-15 new schedule: 4 days at the end of specified blocks for the longitudinal experiences and continuity clinic.
- Start longitudinal curriculum at the end of PL-2 year.
- Administrative support for scheduling pathways.

The Learner

Residents are actively engaged in determining individualized needs and have articulated that the pathways have enhanced their learning experiences.