

Things we've learned

- Stereotypical passive margin...?
- Harrisonburg lithospheric hole..!
- Very difficult to reconcile MT and seismic velocity studies
- Variations along strike (e.g. amount of under-plated material)
- Amazing new quality and density of offshore data
- Mixing data types is sometimes very helpful, sometimes confounding
- Importance of dynamic topography (passive?!)
- “Things are never ideal” Roger Buck, 2017, NOLA

Questions

- Can we build specific models of this margin?
 - ➡ evolution
 - ➡ present day dynamics (mantle flow, topographic changes)
- What new measurements (just more of the same, focussed/longer?) would allow us to evaluate the presence of a “Piedmont Craton”?
- How do the pre-CAMP basins relate to the previous and subsequent deformation?
- How to interpret the offshore crustal thickness variations and anisotropy? How unique is Brandon’s cool proposed hypothesis?

AGU sessions plugs:

- **Eastern North American Margin: Multidisciplinary Studies**
 - ➡ **Posters: T11A**, Monday 08:00-12:20, Poster Hall D-F
 - ➡ **Oral: T14A**, Monday, 16:00-18:00, Room 215-216
- **Something Borrowed, Something New: Integrating EarthScope and Geologic Results to Constrain Better the 4-D Evolution of North America**
 - ➡ **Posters: T11C**, Monday, 08:00-12:20, Poster Hall D-F
 - ➡ **Oral: T13G**, Monday, 13:40-15:40, Room 215-216
- **The Evolution and Architecture of Rifts and Rifted Passive Margins: From Mantle Dynamics to Surface Processes**
 - ➡ **Oral: T31F**, Wednesday, 08:00-10:00, Room 215-216
 - ➡ **Posters: T33E**, Wednesday, 13:40-18:00, Poster Hall D-F
- **Breaking Up Is Never Easy: Why Do Some Rifts Fail and Others Succeed?**
 - ➡ **Oral: T41E**, Thursday, 08:00-10:00, Room 215-216
 - ➡ **Posters: T51B**, Friday, 08:00-12:20, Poster Hall D-F
- **Continental Rifts and Passive Margins**
 - ➡ **Oral: T43D**, Thursday, 13:40-15:40, Room 211-213
 - ➡ **Oral: T44A**, Thursday, 16:00-18:00, Room 211-213
 - ➡ **Posters: T51C, T51D**, Friday, 08:00-12:20, Poster Hall D-F
 - ➡ **Oral: T53B**, Friday, 13:40-15:40, Room 211-213
 - ➡ **Oral: T54A**, Friday, 16:00-18:00, Room 211-213







Rift all week long!

	Monday	Tuesday	Wednesday	Thursday	Friday
Early morning	1. Posters 2. Posters		3. Oral	4. Oral	4. Posters 5. Posters
Late morning					
Early afternoon		2. Oral	3. Posters	5. Oral*	5. Oral*
Late afternoon	1. Oral			5. Oral*	5. Oral*

1. **Eastern North American Margin: Multidisciplinary Studies**
2. **Integrating EarthScope and Geologic Results for 4-D Evolution of North America**
3. **The Evolution and Architecture of Rifts and Rifted Passive Margins...**
4. **Breaking Up Is Never Easy: Why Do Some Rifts Fail and Others Succeed?**
5. **Continental Rifts and Passive Margins**

**Poster Hall D-F
Room 215-216
*Room 211-213**

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1. Eastern North American Margin: Multidisciplinary Studies
2. Integrating EarthScope and Geologic Results for 4-D Evolution of North America
3. The Evolution and Architecture of Rifts and Rifted Passive Margins...
4. Breaking Up Is Never Easy: Why Do Some Rifts Fail and Others Succeed?
5. Continental Rifts and Passive Margins

Poster Hall D-F
Room 215-216
*Room 211-213