Reading for next class, many from the AMR papers list

Unit I: The AMR Formalism

W 1/11 1 | Intro — Banarescu+ 2013
M 1/16 *MLK Holiday*
W 1/18 2 | Intro to AMR (Tutorial Part I), with whiteboard practice
M 1/23 3 | Intro to AMR contd. — AMR Guidelines
HW1 Human eval of 100 generated sentences for 1/30. In lieu of a reading response, submit brief notes of observations for discussion.
W 1/25 4 | Zen; AMR Editor; Annotation Practice; Paper Signup
HW2 Create 20 AMRs of reviews sentences (at least 10 for 2/1; all 20 by 2/8).
M 1/30 5 | Discuss human eval. Explain paper presentations. Data releases. Start on reviews AMRs.
W 2/1 6 | Inter-annotator differences. Smatch. — Xue+ 2014, Li+ 2016
M 2/6 7 $ Multilinguality **[Yushi]**
W 2/8 8 | Shortcomings: GitHub issues, :prep-X analysis
Abend & Rappoport 2017; Fillmore & Baker 2009 (optional: Bonial+ 2014 for more on PropBank)
HW3 Propose guidelines for your assigned `:prep-X` (for 2/22).

Unit II: Other Sentence Semantic Representations

M 2/13 9 | Overview of semantic resources for NLP; PropBank & FrameNet
Abend & Rappoport 2013, Oepen+ 2016
W 2/15 10 $ Semantic Dependencies; UCCA **[Lucia]**
M 2/20 *Presidents' Day Holiday* — Jurafsky & Martin draft chapter pp. 9–35, Basile+ 2012
W 2/22 11 $ Logic / Groningen Meaning Bank; Comparison of reps **[Austin]**
J&M draft chapter pp. 1–6, Kübler & Dickinson slides

Unit III: Alignment, Parsing, Generation

M 2/27 12 | Graph-based Dependency Parsing — Flanigan+ 2014
W 3/1 13 $ JAMR **[Sean]**
1/6–1/10 *Spring Break*
M 3/13 14 | Project proposals I
W 3/15 15 | Project proposals II — J&M draft chapter 25.5–7, Pourdamghani+ 2014
M 3/20 16 $ Alignment as PBMT **[Joe]** — Pourdamghani+ 2016
W 3/22 17 | Generation as PBMT; plan for work sessions
M 3/27 18 | Project work session [Nathan away]
W 3/29 19 | Project work session [Nathan away] — Pust+ 2015
M 4/3 20 $ Parsing as SBMT **[Emma]** — J&M draft chapter 14.4, Wang+ 2015
W 4/5 21 $ Transition-based Parsing: CAMR **[Harry]** — Sachan & Xing 2016

$ = student-led, seminar-style paper discussion

Unit IV: Applications

M 4/10 22 $ Applications I **[Max]**; Liu+ 2015 video Mitra & Baral 2016
W 4/12 23 $ Applications II **[Nick]**; Pan+ 2015 video
M 4/17 *Easter Monday* May & Priyadarshi SemEval 2017
W 4/19 24 | SemEval 2017 Task 9 results; What would it take for NLU of this image?
M 4/24 25 | Project presentations I

- Lucia Donatelli: **Tense and Aspect Specification in AMR**
- Harry Eldridge: **Predicting Comprehensibility**

W 4/26 26 | Project presentations II

- Sean MacAvaney: **THYME Annotation via AMR Augmentation**
- Max Kim: **AMR Helper: A Beginner's Companion to AMR Annotation**
- Austin Blodgett: **Prediction of Case Semantics from AMR**

M 5/1 27 | Project presentations III & Conclusion

- Nick Chapman: **A Comparison of Human and Machine Sentence Generation from AMRs**
- Yushi Zhao: **Pro-drop in Chinese AMR**
- Emma Manning: **AMR Generation**
- TBD

M 5/8 **Project reports due**

$ = student-led, seminar-style paper discussion