Presentations with Slitex

- The standard format is seminar
- Generally use a much larger font
- Default is landscape, but can be portrait

`slide1.tex, slide2.tex`

Bibtex

- Put all bibliography entries in a single file
- Info from that file is used for both in-text citations and the bibliography
- Each .tex file will extract only the entries it needs
- Variety of styles available for citations and bibliographies

The `.bib` file

- All bibliography info must go into a `.bib` file
- Each entry is of a particular type (article, book, technical report, etc.)
- Use menu in emacs to get the correct type, fill in all required fields and any applicable optional fields, then hit `C-c C-c`
- Give each item an alias
- Can protect items for formatting with curly braces

`example.bib`

In-text Citations

- `\cite{alias}` inserts a parenthetical citation and adds the item to the final bibliography
- `\nocite{alias}` makes no citation at that point, but does add the item to the final bibliography
- With some style files (e.g., `authordate1-4.sty`), can use commands such as `\sortcite{alias}` or `\citeasnoun{alias}` to get only the publication date in parentheses (and the item is added to the final bibliography)

`example.tex`

List of References

- Use `\bibliography{file.bib}` to insert a bibliography
- Need to specify a bibliography style file (`.bst`) with `\bibliographystyle{file.bst}`
- Some style files sort alphabetically, some by order cited; some list by name, some number
- Latex will automatically include all cited/nocited entries in the list of references

`example.tex`

How do I get this to work?

1. Run Latex on your `.tex` file
2. Run Bibtex
3. Run Latex on your `.tex` file
4. Run Latex on your `.tex` file

How does it do this?

- When you compile the `.tex` file, it puts all in-text and end-of-file citations into a `.aux` file
- When you next run Bibtex, it creates a `.bbl` file with all of the relevant bibliography information
- The next run of Latex adds the information from the `.bbl` file, but this appears after the in-text citations, so those citations are still undefined
- The final run of Latex completes the citations, since the entry info has been added to the file

Notes

- To make a self-contained `.tex` file (e.g., to send to a publisher):
  - use only `\cite` and `\nocite`
  - compile as usual
  - when done with all revisions, comment out the `\bibliography` command and copy the contents of the `.bbl` file in at that point in your `.tex` file
- `\nocite` is useful for explicit formatting, such as preventing multiple parentheses:

```
... this standard result (e.g., Mackay 1992).
```

would be written as:

```
this standard result (e.g., Mackay 1992\nocite{mack:1992}).
```