

2008 UIC Emergency Medicine Residency Research Course
Working with Research Faculty
Edward P. Sloan, MD, MPH, FACEP

**Conducting Successful EM
Resident Research:
*Working with EM Faculty***

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2008 UIC Research Course

*UIC EM Residency Program
Chicago, IL
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Disclosures

- FERNE Chairman and President
- ACEP Clinical Policy Committee
- ACEP Scientific Review Committee

- No individual financial disclosures

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Research Design

1. Innovate early

Research Design

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2. *Jump onto our projects*

Research Design

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3. *Ask specific questions*

Research Design

1. Innovate early
2. *Jump onto our projects*
3. *Ask specific questions*
4. *Know baseline data*

Research Design

1. Innovate early
2. *Jump onto our projects*
3. *Ask specific questions*
4. *Know baseline data*
5. *Present data/questions to staff/RC*

Research Design

1. Innovate early
2. *Jump onto our projects*
3. *Ask specific questions*
4. *Know baseline data*
5. *Present data/questions to staff/RC*
6. *Know your data collection elements/sheet*

Research Design

7. *Modify existing data sheet*

Research Design

7. Modify existing data sheet
8. Enter data/save it @ UIC

Research Design

7. Modify existing data sheet
8. Enter data/save it @ UIC
9. Clean your data set

Research Design

7. Modify existing data sheet
8. Enter data/save it @ UIC
9. Clean your data set
10. Analyze using 2x2 sheet

Research Design

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8. Enter data/save it @ UIC
9. Clean your data set
10. Analyze using 2x2 sheet
11. Develop analysis table

Research Design

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8. Enter data/save it @ UIC
9. Clean your data set
10. Analyze using 2x2 sheet
11. Develop analysis table
12. Allow us to do regression

Research Design

7. Modify existing data sheet
8. Enter data/save it @ UIC
9. Clean your data set
10. Analyze using 2x2 sheet
11. Develop analysis table
12. Allow us to do regression
13. Develop key statements from statistics

Your Behavior

1. *Read/answer your email*

Your Behavior

1. *Read/answer your email*
2. *Leave specific phone messages*

Your Behavior

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2. *Leave specific phone messages*
3. *Spend 1-2 hours per week on your effort*

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1. *Read/answer your email*
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3. *Spend 1-2 hours per week on your effort*
4. *Schedule your research shift 1-2 weeks in advance*
5. *Spend a full six hours on your research shift*

Your Behavior

1. *Read/answer your email*
2. *Leave specific phone messages*
3. *Spend 1-2 hours per week on your effort*
4. *Schedule your research shift 1-2 weeks in advance*
5. *Spend a full six hours on your research shift*
6. *Don't leave until your work product is complete*

Your Behavior

7. *Page us to discuss/meet during shift*

Your Behavior

7. *Page us to discuss/meet during shift*
8. *Bring all of your documents and files with you*

Your Behavior

7. *Page us to discuss/meet during shift*
8. *Bring all of your documents and files with you*
9. *Keep your folders up to date*

Your Behavior

7. *Page us to discuss/meet during shift*
8. *Bring all of your documents and files with you*
9. *Keep your folders up to date*
10. *Expect us to generate work for you*

Your Behavior

7. *Page us to discuss/meet during shift*
8. *Bring all of your documents and files with you*
9. *Keep your folders up to date*
10. *Expect us to generate work for you*
11. *Use the templates*

Your Behavior

7. *Page us to discuss/meet during shift*
8. *Bring all of your documents and files with you*
9. *Keep your folders up to date*
10. *Expect us to generate work for you*
11. *Use the template*
12. *Say OK often*

Your Behavior

7. Page us to discuss/meet during shift
8. Bring all of your documents and files with you
9. Keep your folders up to date
10. Expect us to generate work for you
11. Use our template
12. Say OK often
13. *Smile, enjoy yourself*

Our Behavior

1. *Minimize your work*

Our Behavior

1. **Minimize your work**
2. *Maximize your success*

Our Behavior

1. **Minimize your work**
2. **Maximize your success**
3. *Generate simple ideas*

Our Behavior

1. **Minimize your work**
2. **Maximize your success**
3. **Generate simple ideas**
4. *Create simple projects*

Our Behavior

1. **Minimize your work**
2. **Maximize your success**
3. **Generate simple ideas**
4. **Create simple projects**
5. *Provide critical review*

Our Behavior

1. Minimize your work
2. Maximize your success
3. Generate simple ideas
4. Create simple projects
5. Provide critical review
6. *Push the work to completion*

Our Behavior

7. *Be available*

Our Behavior

7. *Be available*
8. *Maintain contact*

Our Behavior

7. *Be available*
8. *Maintain contact*
9. *Review folder*

Our Behavior

7. *Be available*
8. *Maintain contact*
9. *Review folder*
10. *Be flexible*

Our Behavior

7. *Be available*
8. *Maintain contact*
9. *Review folder*
10. *Be flexible*
11. *Be persistent*

Our Behavior

7. Be available
8. Maintain contact
9. Review folder
10. Be flexible
11. Be persistent
12. *Enjoy ourselves*

Our Behavior

7. Be available
8. Maintain contact
9. Review folder
10. Be flexible
11. Be persistent
12. *Enjoy ourselves*
13. *Listen*

Key Sessions

- Senior year
- March/April/May
- Three two-hour sessions
- Manuscript review, submission
- HP/WE/BB/ES

Key Concepts

- Do the work
- Submit the manuscript
- Sit for the boards
- Go forth and prosper

Thank you.

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