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| **FIR2024**  **SECTION 1** | | | | | | |
| **Date** | **Time** | | **Faculty** | | **Affiliation** | **Activity** |
| Sunday  April 28 | 6 PM | | Rafael Fissore  Dan Bernard | | U Mass  McGill University | Introduction to FIR |
|  | | Djurdjica Coss | | UC Riverside | Introduction to Section 1 |
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| Monday  April 29 | 9 AM | | Dan Bernard | | McGill University | Lecture:  Overview of the HPG axis |
| 11 AM | | Dan Bernard | | McGill University | Lab:  Transcription |
| 7 PM | | Olga Astapova | | U Rochester | Lecture:  Signal transduction in the HPG axis |
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| Tuesday  April 30 | 9 AM | | Ursula Kaiser | | BWH | Lecture:  GnRH and kisspeptin neurons |
| 11 AM | | Dan Bernard | | McGill University | Lab:  Transcription |
| 7 PM | | Dan Bernard | | McGill University | Lecture:  Activins and Inhibins |
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| Wednesday  May 1 | 9 AM | | Martin Kelly | | OHSU | Lecture:  Hypothalamic reproductive circuitry and novel tools |
| 11 AM | | Dan Bernard | | McGill University | Lab:  Transcription |
| 7 PM | | Richard Auchus | | University of Michigan | Lecture:  Steroidogenesis and mass spectrometry |
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| Thursday  May 2 | 9 AM | | Buffy Ellsworth | | Southern Illinois U. | Pituitary development |
| 11 AM | | Buffy Ellsworth | | Southern Illinois U.  Zeiss | Lab:  RNA scope  Microscopy Workshop (during incubation)? |
| 7 PM | | Richard Piet | | Kent State | Lecture:  Circadian rhythms and ovulation |
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| Friday  May 3 | | 9 AM | | Dan Dumesic | UCLA | Lecture:  PCOS |  |
| 11 AM | | Buffy Ellsworth | Southern Illinois University | Lab (may continue after 9 PM):  RNA scope |
| 7 PM | | FIRbees | FIR | Djurdjica and Dan chalk talk examples  Lab wrap-up:  Preparation |
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| Saturday  May 4 | | 9 AM | | FIRbees | FIR | Lab wrap-up:  Presentations for week 1 labs |
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| Sunday  May 5 | | *Free day* | | | | |
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| Monday  May 6 | | 9 AM | | Ravi Balasubramanian | Mass General | Lecture:  Genetics of human puberty |
| 11 AM | | Djurdjica Coss | UC Riverside | Lab (may continue after 9 PM):  Pituitary primary cell cultures and ELISA |
| 7 PM | | Stephanie Pangas | Baylor | Lecture:  Follicle Development |
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| Tuesday  May 7 | | 9 AM | | Djurdjica Coss |  | Lecture:  Metabolic control of reproduction |
| 11 AM | | Djurdjica Coss | UC Riverside | Lab (may continue after 9 PM):  Pituitary primary cell cultures and ELISA |
| 7 PM | | Carolyn Cummins | University of Toronto | Nuclear receptor signaling and epigenetics |
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| Wednesday  May 8 | | 9 AM | | Steve Hammes | U Rochester | Lecture:  Androgen action in the ovary |
| 11 AM | | Djurdjica Coss | UC Riverside | Lab:  Pituitary primary cell cultures and ELISA |
| 3 PM | | Stephanie Pangas | Baylor | Lab: (may continue after 9 PM)  Granulosa cells cultures and Western Blot |
| 7 PM | | Steve Hammes | U Rochester | Lecture:  Reproduction case conference |
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| Thursday  May 9 | | 9 AM | | Stephanie Page | NIEHS | Lecture:  FSH, Sertoli, and male contraception |
| 11 AM | | Stephanie Pangas | Baylor | Lab: (may continue after 9 PM)  Granulosa cells cultures and Western Blot |
| 7 PM | | Raj Kumar | University of Colorado | Lecture:  LH action and mouse models |
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| Friday  May 10 | | 9 AM | | Kellie Breen Church | UCSD | Lecture:  Stress and reproduction |
| 11 AM | | Stephanie Pangas | Baylor | Lab: (may continue after 9 PM)  Granulosa cells cultures and Western Blot |
| 7 PM | | FIRbees | FIR | Short research talks  Lab whap-up preparation |
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| Saturday  May 11 | | 9 AM | | FIRbees | FIR | Lab wrap-up:  Presentations for week 2 Labs |