

# August 2018

| July 2018 |    |    |    |    |    |    | August 2018 |    |    |    |    |    |    | September 2018 |    |    |    |    |    |    |
|-----------|----|----|----|----|----|----|-------------|----|----|----|----|----|----|----------------|----|----|----|----|----|----|
| S         | M  | T  | W  | T  | F  | S  | S           | M  | T  | W  | T  | F  | S  | S              | M  | T  | W  | T  | F  | S  |
| 1         | 2  | 3  | 4  | 5  | 6  | 7  | 1           | 2  | 3  | 4  |    |    |    |                |    |    |    |    |    | 1  |
| 8         | 9  | 10 | 11 | 12 | 13 | 14 | 5           | 6  | 7  | 8  | 9  | 10 | 11 | 2              | 3  | 4  | 5  | 6  | 7  | 8  |
| 15        | 16 | 17 | 18 | 19 | 20 | 21 | 12          | 13 | 14 | 15 | 16 | 17 | 18 | 9              | 10 | 11 | 12 | 13 | 14 | 15 |
| 22        | 23 | 24 | 25 | 26 | 27 | 28 | 19          | 20 | 21 | 22 | 23 | 24 | 25 | 16             | 17 | 18 | 19 | 20 | 21 | 22 |
| 29        | 30 | 31 |    |    |    |    | 26          | 27 | 28 | 29 | 30 | 31 |    | 23             | 24 | 25 | 26 | 27 | 28 | 29 |
|           |    |    |    |    |    |    |             |    |    |    |    |    |    | 30             |    |    |    |    |    |    |

- Graduate & Teaching
- Manu Travel

| Sunday | Monday                       | Tuesday  | Wednesday                               | Thursday  | Friday | Saturday |
|--------|------------------------------|--|---|---|--------|----------|
| 29     | 30                           | 31   | 1                                       | 2   | 3      | 4        |
| 5      | 6                            | 7<br>Car rental information  | 8<br>POS Panel Meeting - UNC-Wilmington | 9   | 10     | 11       |
| 12     | 13                           | 14   | 15                                      | 16  | 17     | 18       |
| 19     | 20                           | 21<br>9:00 AM Ocean Modeling<br><br>PACE Cluster Orientation   | 22                                      | 23<br>Manu to SD<br>9:00 AM Ocean Modeling<br><br>CR Chap. 1<br>Introduction to GFD | 24     | 25       |
| 26     | 27<br>12:00 PM Ocean Seminar | 28<br>9:00 AM Ocean Modeling<br><br>CR Chap. 1<br>Finite differences & numerical methods<br>HW #1 assigned | 29                                      | 30<br>9:00 AM Ocean Modeling<br><br>CR Chap. 2<br>Coriolis                          | 31     | 1        |

# September 2018

| August 2018 |    |    |    |    |    |    | September 2018 |    |    |    |    |    |    | October 2018 |    |    |    |    |    |    |   |   |   |   |
|-------------|----|----|----|----|----|----|----------------|----|----|----|----|----|----|--------------|----|----|----|----|----|----|---|---|---|---|
| S           | M  | T  | W  | T  | F  | S  | S              | M  | T  | W  | T  | F  | S  | S            | M  | T  | W  | T  | F  | S  |   |   |   |   |
|             |    |    | 1  | 2  | 3  | 4  |                |    |    |    |    | 1  |    |              |    |    |    |    | 1  | 2  | 3 | 4 | 5 | 6 |
| 5           | 6  | 7  | 8  | 9  | 10 | 11 | 2              | 3  | 4  | 5  | 6  | 7  | 8  | 7            | 8  | 9  | 10 | 11 | 12 | 13 |   |   |   |   |
| 12          | 13 | 14 | 15 | 16 | 17 | 18 | 9              | 10 | 11 | 12 | 13 | 14 | 15 | 14           | 15 | 16 | 17 | 18 | 19 | 20 |   |   |   |   |
| 19          | 20 | 21 | 22 | 23 | 24 | 25 | 16             | 17 | 18 | 19 | 20 | 21 | 22 | 21           | 22 | 23 | 24 | 25 | 26 | 27 |   |   |   |   |
| 26          | 27 | 28 | 29 | 30 | 31 | 23 | 24             | 25 | 26 | 27 | 28 | 29 | 28 | 29           | 30 | 31 |    |    |    |    |   |   |   |   |
|             |    |    |    |    |    |    | 30             |    |    |    |    |    |    |              |    |    |    |    |    |    |   |   |   |   |

- Graduate & Teaching
- Manu Travel

| Sunday                       | Monday                       | Tuesday   | Wednesday               | Thursday  | Friday              | Saturday   |
|------------------------------|------------------------------|---|-------------------------|---|---------------------|--|
| 26<br>12:00 PM Ocean Seminar | 27<br>9:00 AM Ocean Modeling | 28  | 29                      | 30<br>9:00 AM Ocean Modeling  | 31                  | 1  |
| 2                            | 3<br>9:00 AM Ocean Modeling  | 4<br><b>CR Chap. 2<br/>Coriolis numerical schemes</b>                               | 5                       | 6<br>9:00 AM Ocean Modeling   | 7                   | 8<br><b>CR Chap. 3<br/>Equations of fluids<br/>HW #1 due</b> |
| 9<br>12:00 PM Ocean Seminar  | 10<br>9:00 AM Ocean Modeling | 11<br>9:00 AM Ocean Modeling<br><b>CR Chap. 3<br/>Flux form &amp; finite volume</b> | 12<br>3:00 AM Manu EPOC | 13<br>... Manu EPOC<br>9:00 AM Ocean Modeling<br><b>TA Lab</b>                            | 14<br>... Manu EPOC | 15<br>... Manu EPOC  |
| 16<br>... Manu EPOC          | 17<br>12:00 PM Ocean Seminar | 18<br>9:00 AM Ocean Modeling<br><b>CR Chap. 4 &amp; 7<br/>GFD Equations</b>         | 19                      | 20<br>9:00 AM Ocean Modeling<br><b>CR Chap. 9<br/>Linear Waves</b>                        | 21                  | 22   |
| 23<br>12:00 PM Ocean Seminar | 24<br>9:00 AM Ocean Modeling | 25<br><b>CR Chap. 9<br/>Linear Waves</b>  | 26                      | 27<br>9:00 AM Ocean Modeling<br><b>CR Chap. 4 &amp; 7<br/>GFD Equations<br/>HW #2 due</b> | 28                  | 29   |
| 30<br>12:00 PM Ocean Seminar | 1<br>9:00 AM Ocean Modeling  | 2   | 3                       | 4<br>9:00 AM Ocean Modeling   | 5                   | 6  |

# October 2018

| September 2018 |    |    |    |    |    |    | October 2018 |    |    |    |    |    |    | November 2018 |    |    |    |    |    |    |   |
|----------------|----|----|----|----|----|----|--------------|----|----|----|----|----|----|---------------|----|----|----|----|----|----|---|
| S              | M  | T  | W  | T  | F  | S  | S            | M  | T  | W  | T  | F  | S  | S             | M  | T  | W  | T  | F  | S  |   |
|                |    |    |    |    |    | 1  | 1            | 2  | 3  | 4  | 5  | 6  |    |               |    |    |    |    | 1  | 2  | 3 |
| 2              | 3  | 4  | 5  | 6  | 7  | 8  | 7            | 8  | 9  | 10 | 11 | 12 | 13 | 4             | 5  | 6  | 7  | 8  | 9  | 10 |   |
| 9              | 10 | 11 | 12 | 13 | 14 | 15 | 14           | 15 | 16 | 17 | 18 | 19 | 20 | 11            | 12 | 13 | 14 | 15 | 16 | 17 |   |
| 16             | 17 | 18 | 19 | 20 | 21 | 22 | 21           | 22 | 23 | 24 | 25 | 26 | 27 | 18            | 19 | 20 | 21 | 22 | 23 | 24 |   |
| 23             | 24 | 25 | 26 | 27 | 28 | 29 | 28           | 29 | 30 | 31 | 25 | 26 | 27 | 28            | 29 | 30 |    |    |    |    |   |
| 30             |    |    |    |    |    |    |              |    |    |    |    |    |    |               |    |    |    |    |    |    |   |

- Graduate & Teaching
- Manu Travel

| Sunday       | Monday                 | Tuesday   | Wednesday    | Thursday  | Friday | Saturday |
|--------------|------------------------|---|--------------|---|--------|----------|
| 30           | 1                      | 2   | 3            | 4   | 5      | 6        |
|              | 12:00 PM Ocean Seminar | 9:00 AM Ocean Modeling<br><b>CR Chap. 5 &amp; 6<br/>Advection &amp; Diffusion</b>                                     |              | 9:00 AM Ocean Modeling<br><b>CR Chap. 5 &amp; 6<br/>Advection &amp; Diffusion</b> |        |          |
| 7            | 8                      | 9   | 10           | 11  | 12     | 13       |
|              | Fall Recess            |   |              | 9:00 AM Ocean Modeling<br><b>CR Chap. 5 &amp; 6<br/>Advection &amp; Diffusion</b> |        |          |
| 14           | 15                     | 16  | 17           | 18  | 19     | 20       |
|              | 12:00 PM Ocean Seminar | 9:00 AM Ocean Modeling<br><b>Boundary Conditions I<br/>Objective Mapping<br/>&amp; Krigging</b>                       |              | 9:00 AM Ocean Modeling<br><b>Mapping Tutorials<br/>(7 &amp; 8)</b>                |        |          |
| 21           | 22                     | 23  | 24           | 25  | 26     | 27       |
|              | 12:00 PM Ocean Seminar | 9:00 AM Ocean Modeling<br><b>Intro to:<br/>North Pacific<br/>Circulation Model</b>                                    | PICES Annual |   |        |          |
|              |                        |   |              | 9:00 AM Ocean Modeling<br><b>Tutorial on Forcing<br/>and BCs (9)</b>              |        |          |
| 28           | 29                     | 30  | 31           | 1   | 2      | 3        |
| PICES Annual |                        |   |              | 9:00 AM Ocean Modeling  |        |          |
|              | 12:00 PM Ocean Seminar | 9:00 AM Ocean Modeling<br><b>Statistical Analysis of<br/>model output with Observations<br/>(e.g. mean, variance)</b> |              | 9:00 AM Ocean Modeling  |        |          |

# November 2018

| October 2018 |    |    |    |    |    |    | November 2018 |    |    |    |    |    |    | December 2018 |    |    |    |    |    |    |
|--------------|----|----|----|----|----|----|---------------|----|----|----|----|----|----|---------------|----|----|----|----|----|----|
| S            | M  | T  | W  | T  | F  | S  | S             | M  | T  | W  | T  | F  | S  | S             | M  | T  | W  | T  | F  | S  |
|              | 1  | 2  | 3  | 4  | 5  | 6  |               |    | 1  | 2  | 3  |    |    |               |    |    |    |    |    | 1  |
| 7            | 8  | 9  | 10 | 11 | 12 | 13 | 4             | 5  | 6  | 7  | 8  | 9  | 10 | 2             | 3  | 4  | 5  | 6  | 7  | 8  |
| 14           | 15 | 16 | 17 | 18 | 19 | 20 | 11            | 12 | 13 | 14 | 15 | 16 | 17 | 9             | 10 | 11 | 12 | 13 | 14 | 15 |
| 21           | 22 | 23 | 24 | 25 | 26 | 27 | 18            | 19 | 20 | 21 | 22 | 23 | 24 | 16            | 17 | 18 | 19 | 20 | 21 | 22 |
| 28           | 29 | 30 | 31 |    |    |    | 25            | 26 | 27 | 28 | 29 | 30 |    | 23            | 24 | 25 | 26 | 27 | 28 | 29 |
|              |    |    |    |    |    |    |               |    |    |    |    |    |    | 30            | 31 |    |    |    |    |    |

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- Manu Travel

| Sunday                       | Monday                       | Tuesday   | Wednesday                | Thursday   | Friday | Saturday |
|------------------------------|------------------------------|---|--------------------------|--|--------|----------|
| 28<br>PICES Annual           | 29<br>12:00 PM Ocean Seminar | 30<br>9:00 AM Ocean Modeling  | 31                       | 1<br>9:00 AM Ocean Modeling<br><b>Mechanistic Analysis of model output (e.g. Rossby wave, ocean/atmosphere coupling)</b> | 2      | 3        |
| 4<br>PICES Annual            | 5<br>12:00 PM Ocean Seminar  | 6<br>9:00 AM Ocean Modeling<br><b>Boundary Conditions II Ekman Layer</b>  | 7                        | 8<br>9:00 AM Ocean Modeling<br><b>Boundary Conditions II Open Boundary Conditions &amp; Nesting</b>                      | 9      | 10       |
| 11<br>12:00 PM Ocean Seminar | 12                           | 13<br>Endowed Lecture Univ. of Virginia<br>9:00 AM Ocean Modeling<br><b>Regional eastern boundary upwelling</b> | 14                       | 15<br>9:00 AM Ocean Modeling<br><b>Regional eastern boundary upwelling</b>   | 16     | 17       |
| 18<br>12:00 PM Ocean Seminar | 19<br>9:00 AM Ocean Modeling | 20<br>9:00 AM Ocean Modeling<br><b>Regional eastern boundary upwelling</b>                                      | 21<br>Thanksgiving Break | 22   | 23     | 24       |
| 25<br>12:00 PM Ocean Seminar | 26                           | 27<br>Cornell Seminar (Manu)<br>9:00 AM Ocean Modeling<br><b>Instabilities &amp; Eddy-resolving regimes</b>     | 28                       | 29<br>9:00 AM Ocean Modeling<br><b>Instabilities &amp; Eddy-resolving regimes</b>  | 30     | 1        |

# December 2018

| November 2018 |    |    |    |    |    |    | December 2018 |    |    |    |    |    |    | January 2019 |    |    |    |    |    |    |   |   |   |
|---------------|----|----|----|----|----|----|---------------|----|----|----|----|----|----|--------------|----|----|----|----|----|----|---|---|---|
| S             | M  | T  | W  | T  | F  | S  | S             | M  | T  | W  | T  | F  | S  | S            | M  | T  | W  | T  | F  | S  |   |   |   |
|               |    |    |    |    | 1  | 2  | 3             |    |    |    |    |    | 1  |              |    |    |    |    | 1  | 2  | 3 | 4 | 5 |
| 4             | 5  | 6  | 7  | 8  | 9  | 10 | 2             | 3  | 4  | 5  | 6  | 7  | 8  | 6            | 7  | 8  | 9  | 10 | 11 | 12 |   |   |   |
| 11            | 12 | 13 | 14 | 15 | 16 | 17 | 9             | 10 | 11 | 12 | 13 | 14 | 15 | 13           | 14 | 15 | 16 | 17 | 18 | 19 |   |   |   |
| 18            | 19 | 20 | 21 | 22 | 23 | 24 | 16            | 17 | 18 | 19 | 20 | 21 | 22 | 20           | 21 | 22 | 23 | 24 | 25 | 26 |   |   |   |
| 25            | 26 | 27 | 28 | 29 | 30 | 23 | 24            | 25 | 26 | 27 | 28 | 29 | 27 | 28           | 29 | 30 | 31 |    |    |    |   |   |   |
|               |    |    |    |    |    |    | 30            | 31 |    |    |    |    |    |              |    |    |    |    |    |    |   |   |   |

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- Manu Travel

| Sunday                       | Monday                       | Tuesday  | Wednesday                    | Thursday                     | Friday | Saturday |
|------------------------------|------------------------------|--|------------------------------|------------------------------|--------|----------|
| 25<br>12:00 PM Ocean Seminar | 26<br>12:00 PM Ocean Seminar | 27<br>Cornell Seminar (Manu)<br>9:00 AM Ocean Modeling | 28<br>9:00 AM Ocean Modeling | 29<br>9:00 AM Ocean Modeling | 30     | 1        |
| 2<br>12:00 PM Ocean Seminar  | 3<br>9:00 AM Ocean Modeling  | 4<br><b>Instabilities &amp; Eddy-resolving regimes</b> | 5                            | 6                            | 7      | 8        |
| 9                            | 10                           | 11   | 12                           | 13                           | 14     | 15       |
| 16                           | 17                           | 18   | 19                           | 20                           | 21     | 22       |
| 23                           | 24                           | 25   | 26                           | 27                           | 28     | 29       |
| 30                           | 31                           | 1  | 2                            | 3                            | 4      | 5        |