ROSITA FU DESIGNS

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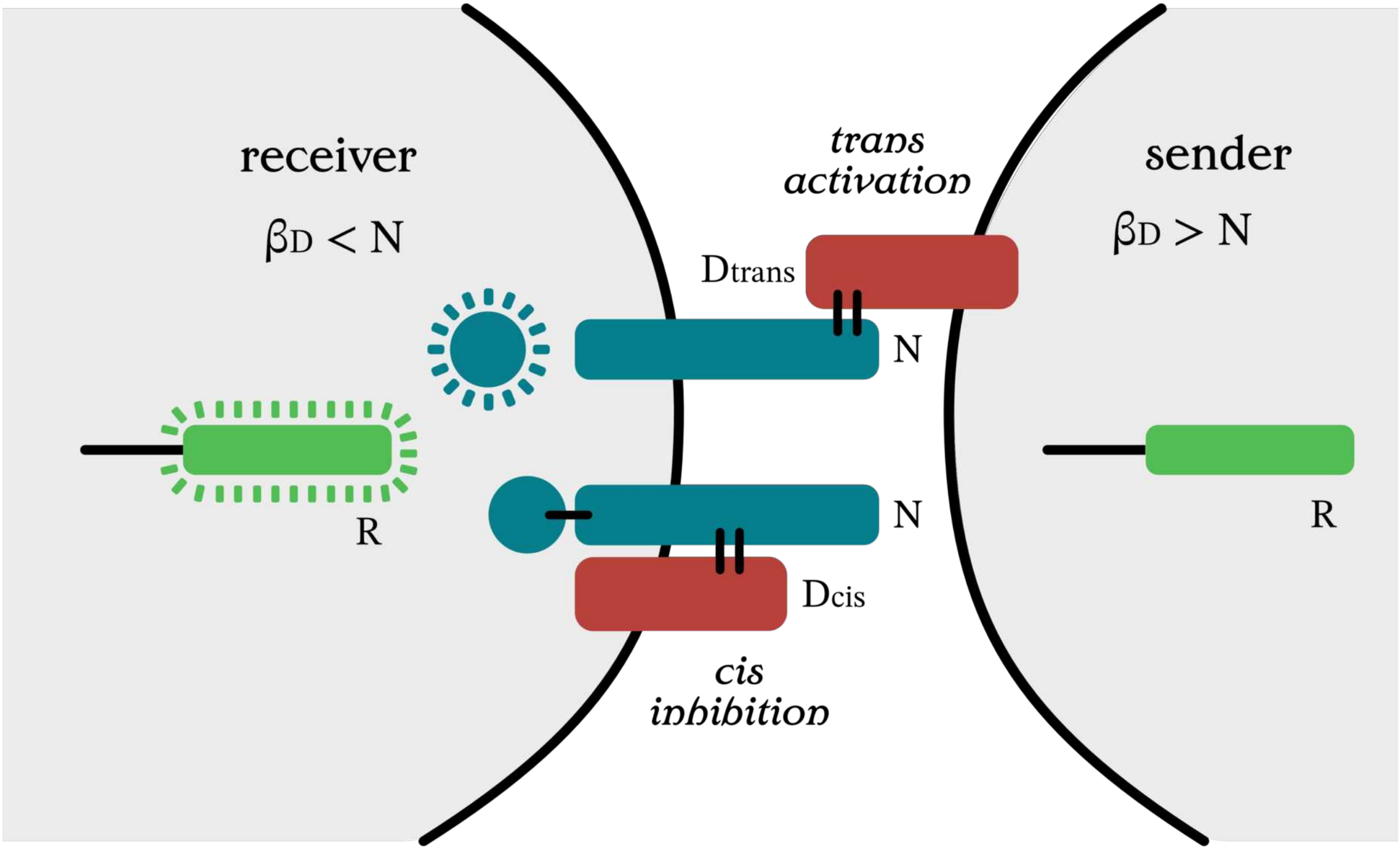
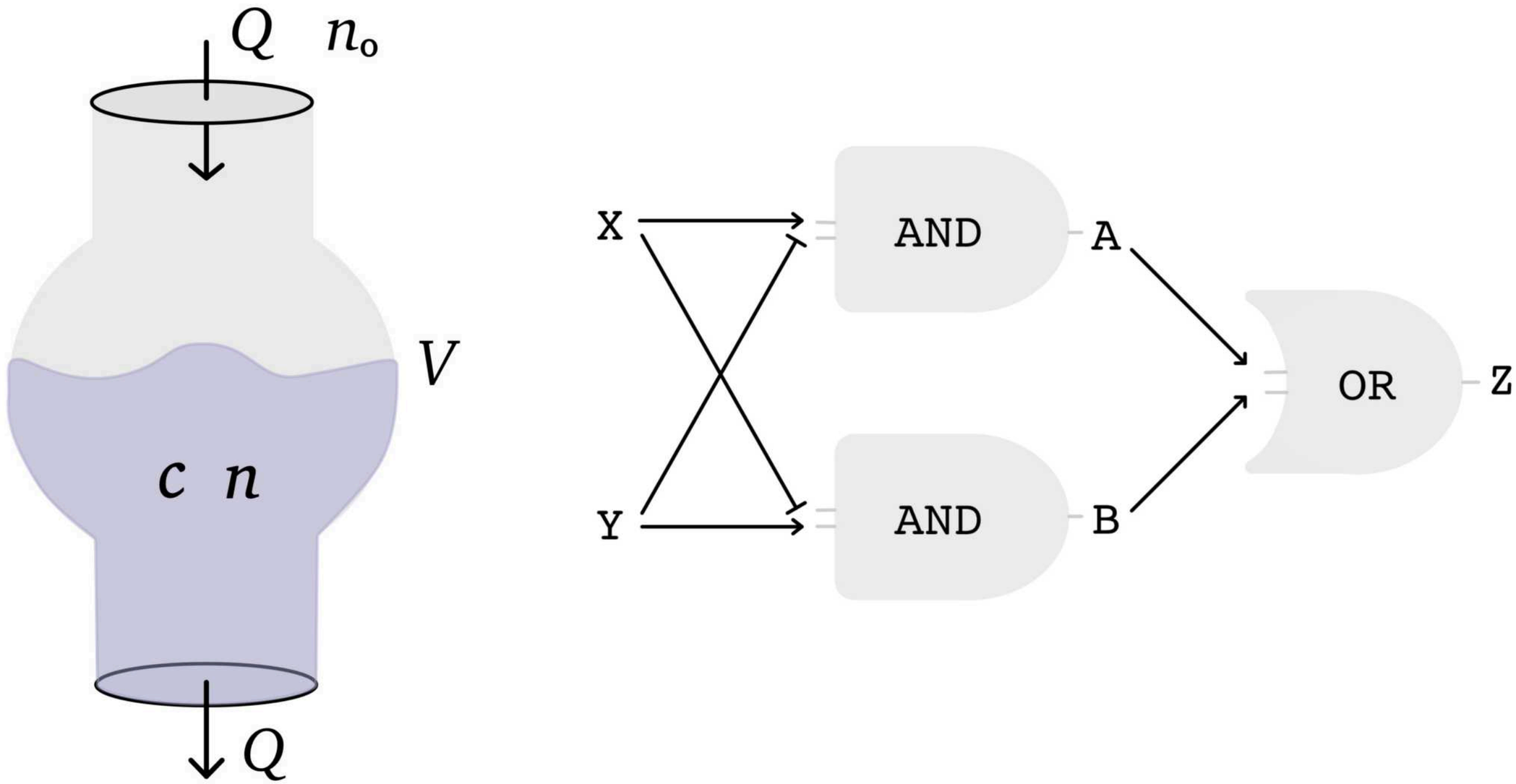
PORTFOLIO

SCIENTIFIC ILLUSTRATION



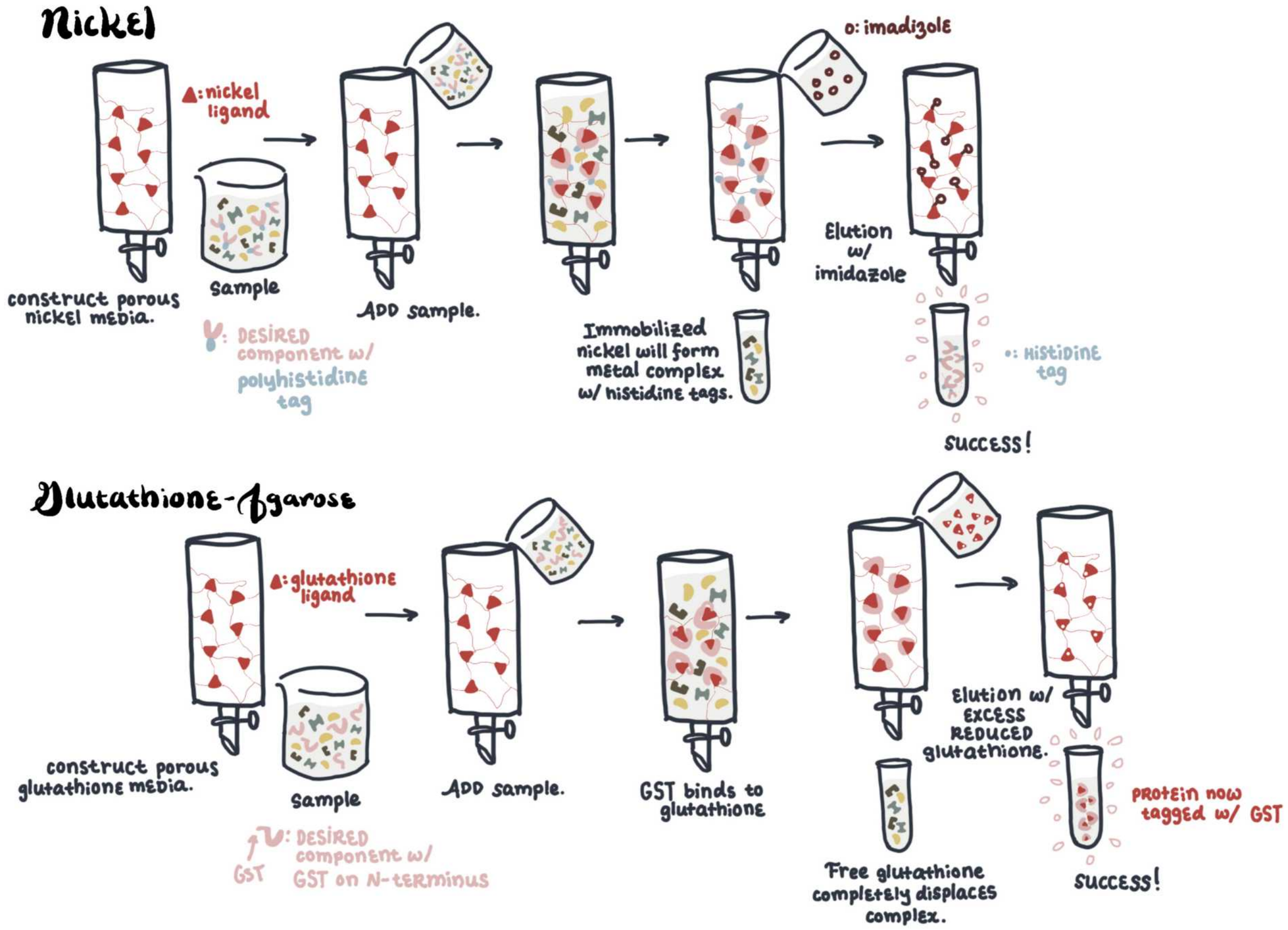
Delta - Notch Signaling

Schematic for trans-activation and cis-inhibition schemes of adjacent cells.
Used in class on biological circuits, BE150 at Caltech.



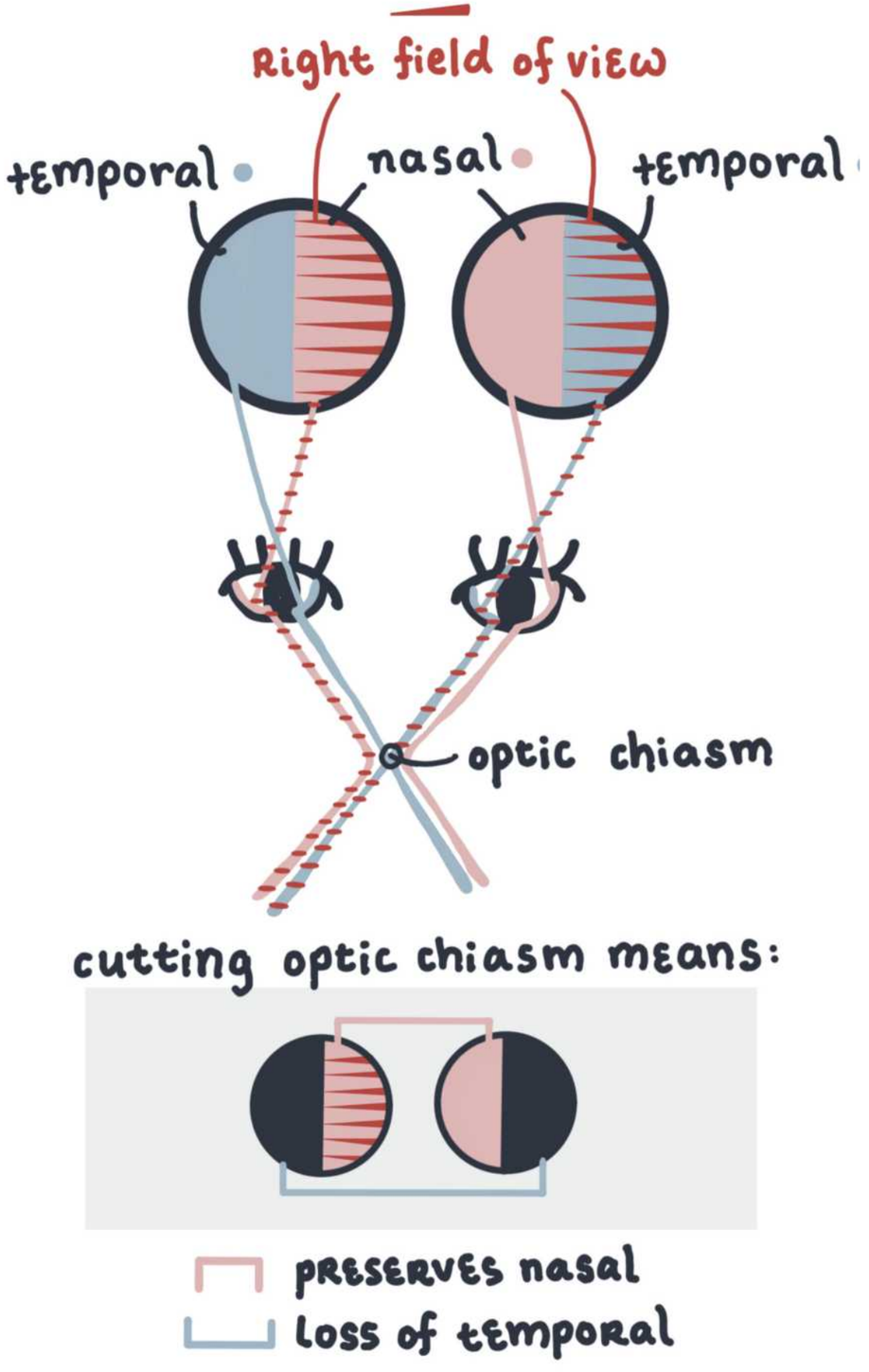
Flow Reactor Schematic

Schematic for chemical flow reactor (left) and XOR gates (right).
Used in class on biological circuits, BE150 at Caltech.



Chromatography Diagrams

Schematic for nickel chromatography and gluthione-agarose chromatography.
Used in biochemistry course, Bi/Ch110 at Caltech.

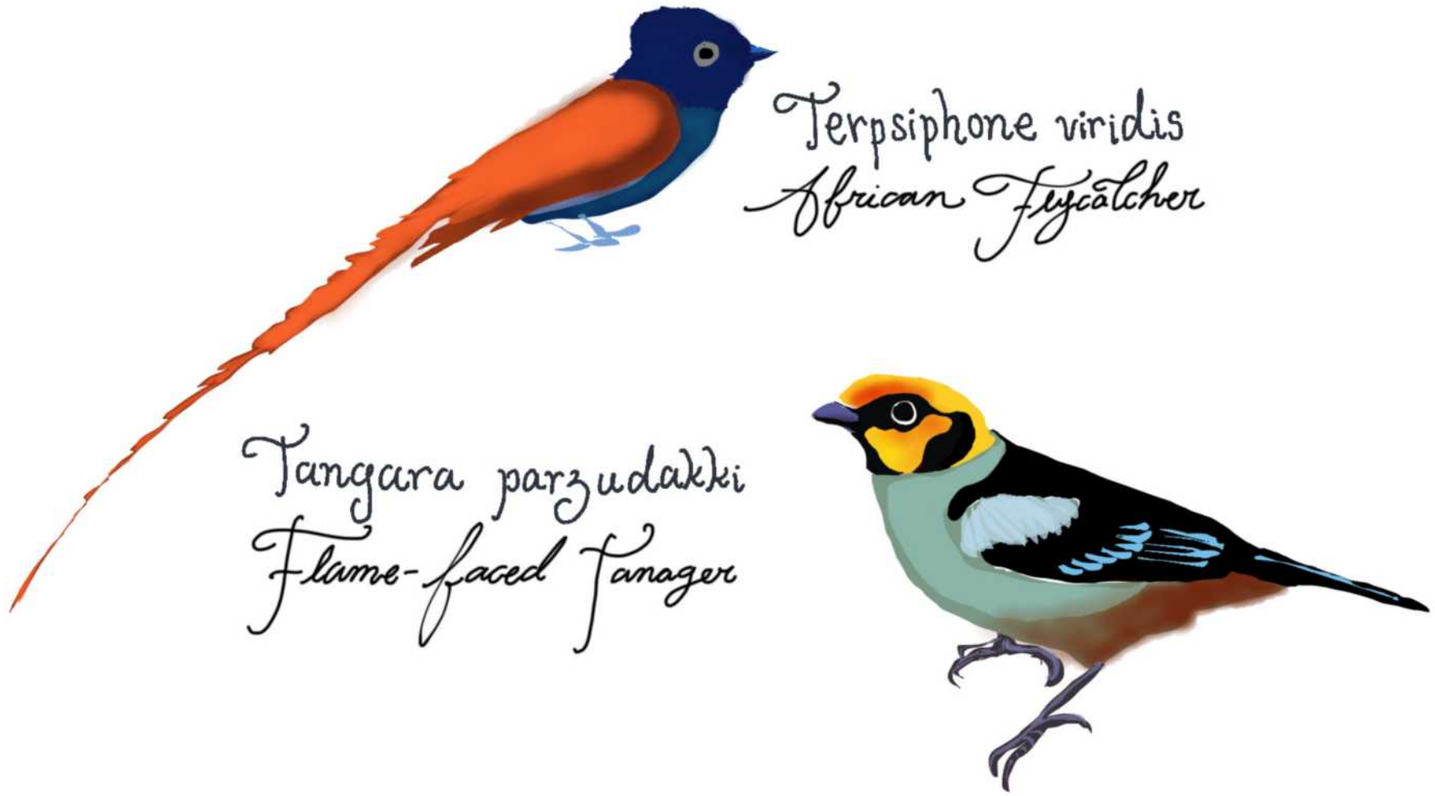


Neuroscience Graphic

Demonstration of cutting the optic chiasm.
Used in an introductory neuroscience course,
Bi150 at Caltech.

Tropical Birds:

Graphic for bird presentation



Medicinal Florals Series:
Alstonia Scholaris

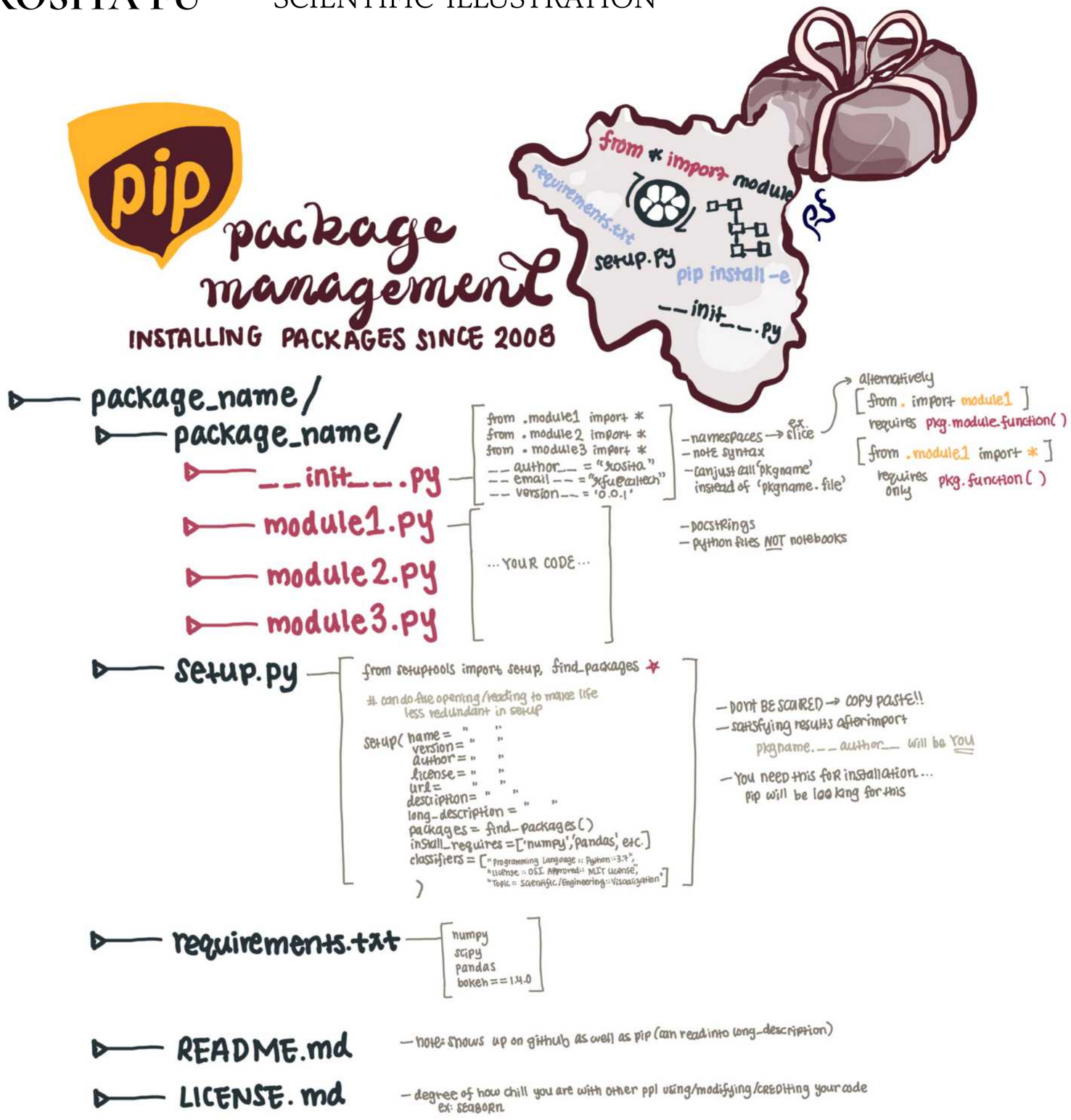
Placard for medicinal plants studies.

Medicinal Florals Series:
Rauvoflavia tetraphylla

Placard for medicinal plants studies.

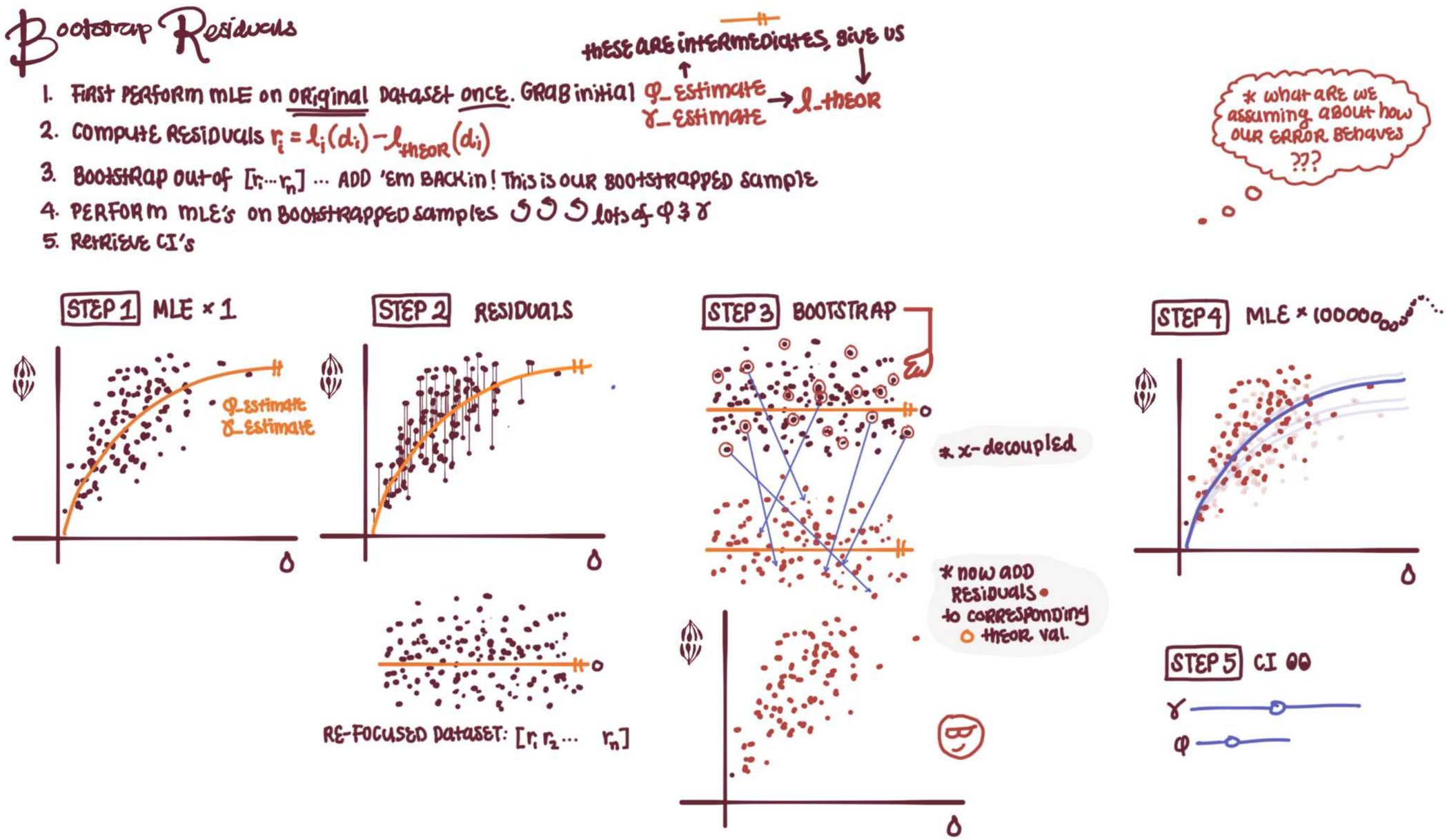
Medicinal Florals Series:
Rhazya Stricta

Placard for medicinal plants studies.



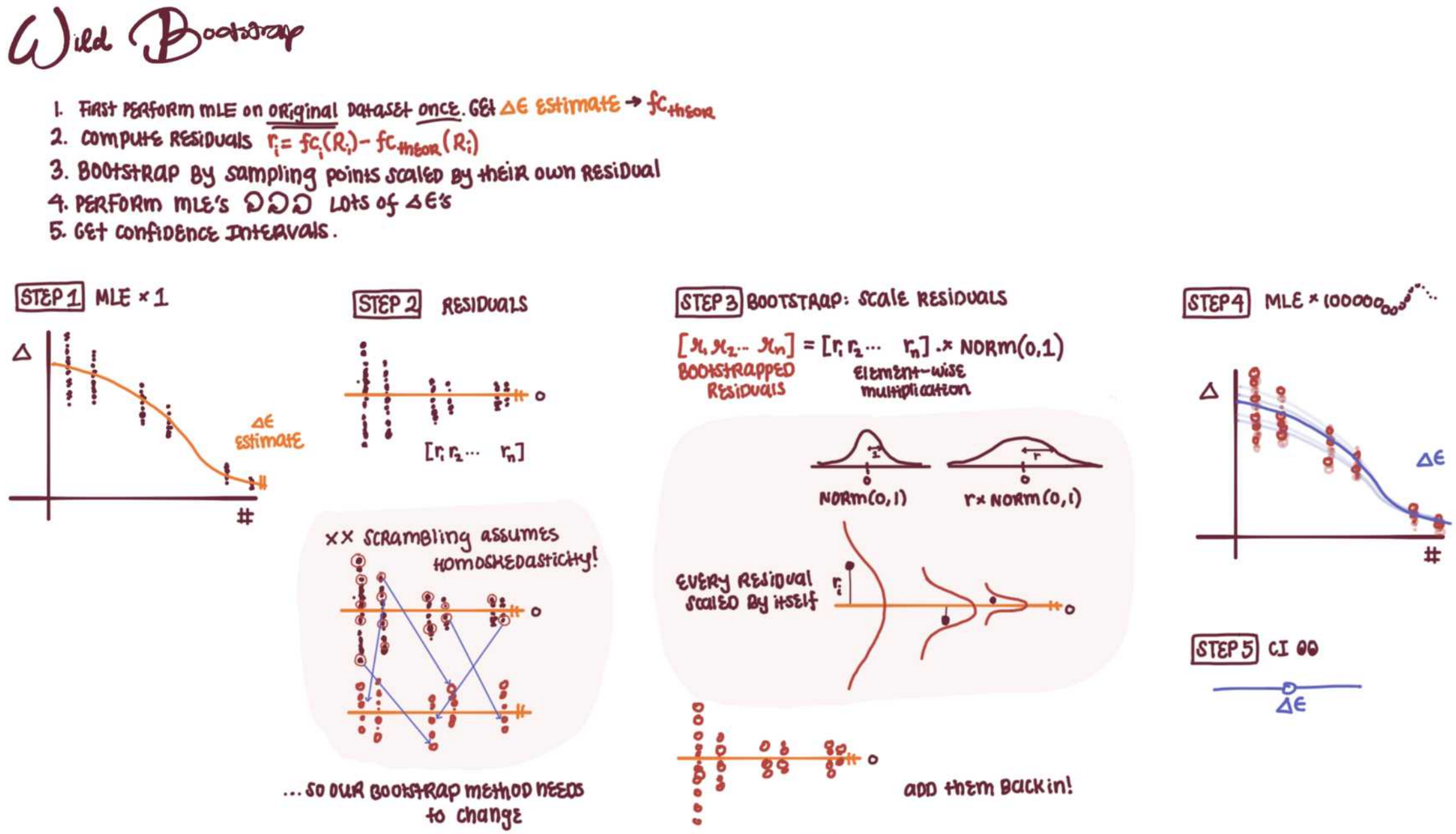
Coding Graphic

Outline for creating a Python package. Used in an introductory coding course, BE/Bi103 at Caltech.



Statistical Methods Graphic

Constructing confidence intervals for dependent data.
Used in an introductory data course, BE/Bi103 at Caltech.



Statistical Methods Graphic

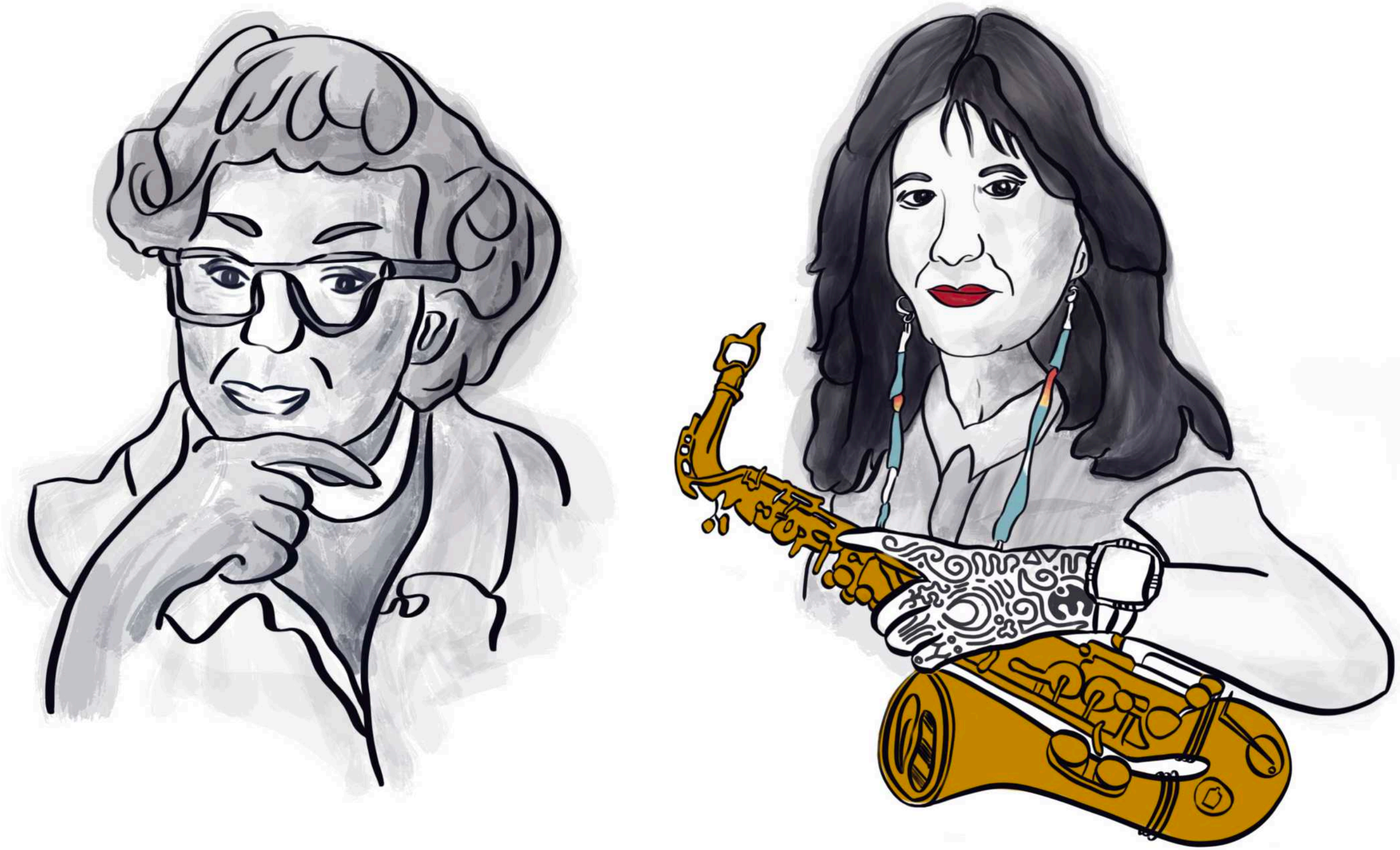
Constructing confidence intervals with assumptions about residual distribution.

Used in an introductory data course, BE/Bi103 at Caltech.

GRAPHIC ILLUSTRATION

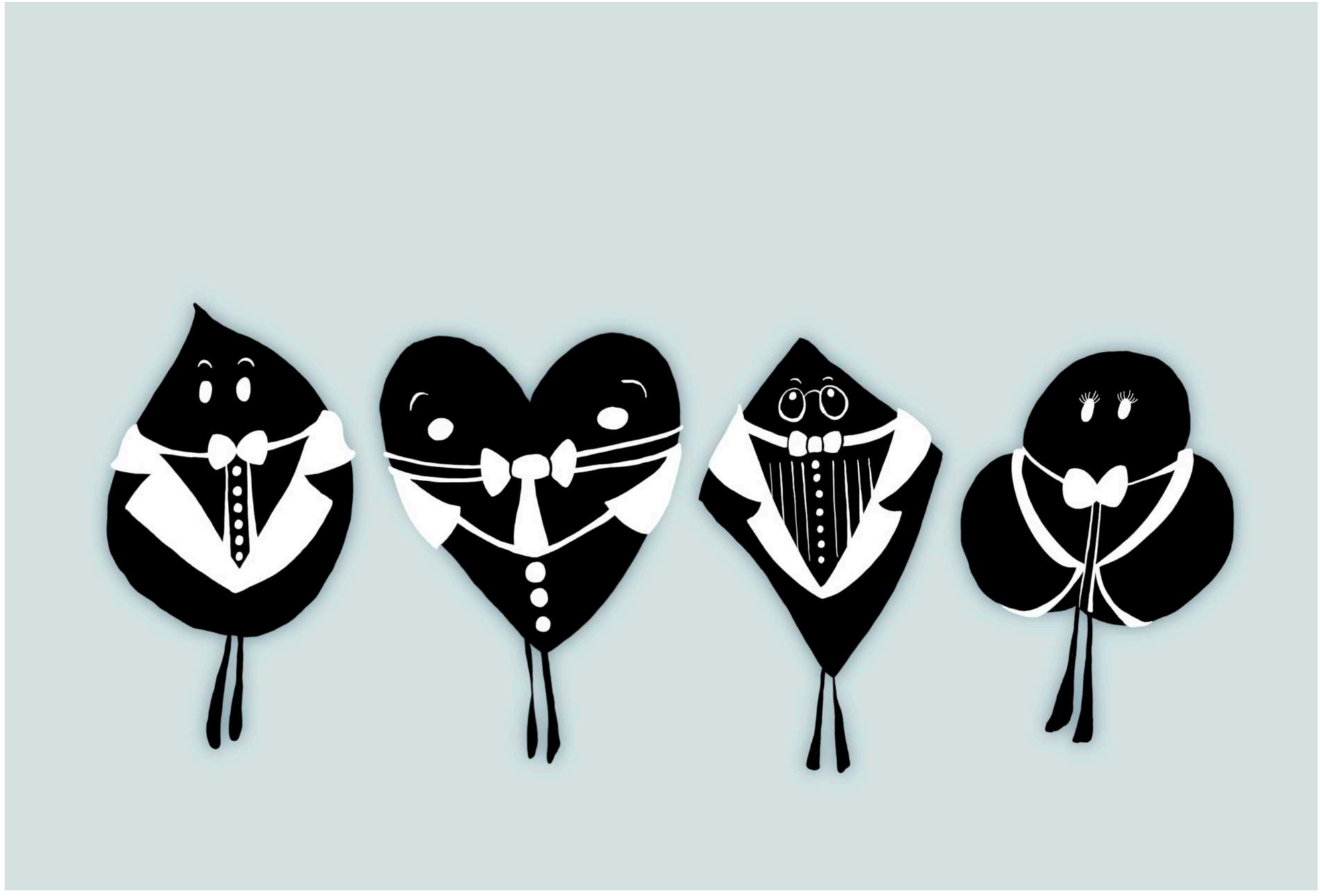
Portrait of Asima Chatterjee

Groundbreaking scientist Asima Chatterjee is an Indian organic chemist whose research in medicinal plant products aided in the development of anti-malarial drugs. This digital portrait served as the opening slide to a class project.



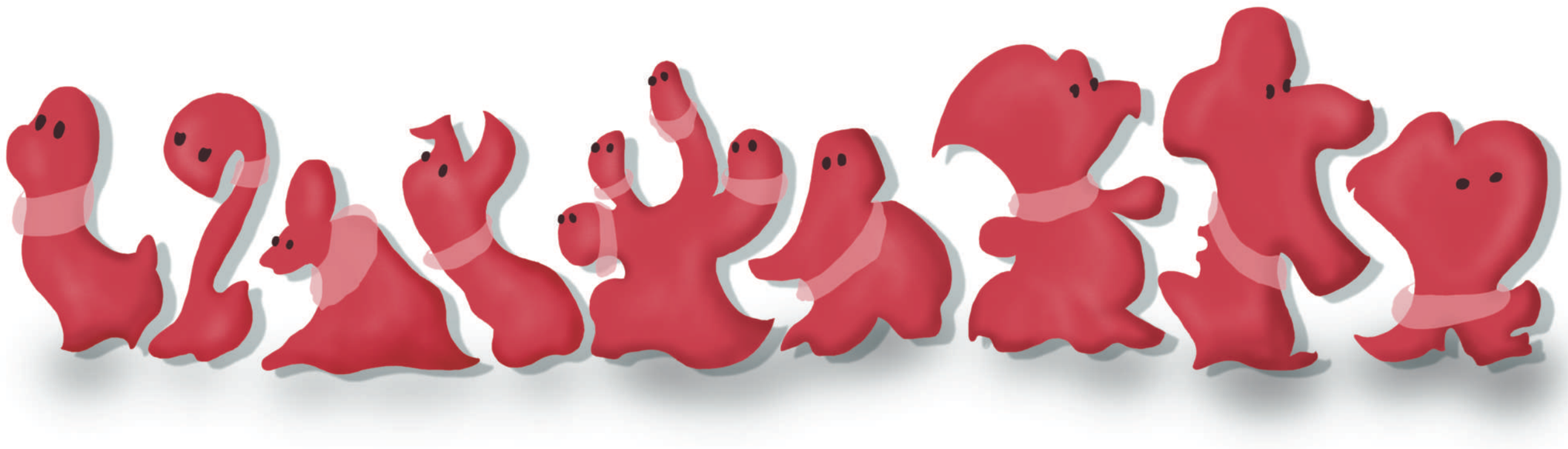
Poet Portraits

These digital portrait served as the opening slides at a poetry reading of Gwendolyn Brooks (left) and Joy Harjo (right), both renowned American Poet Laureates.

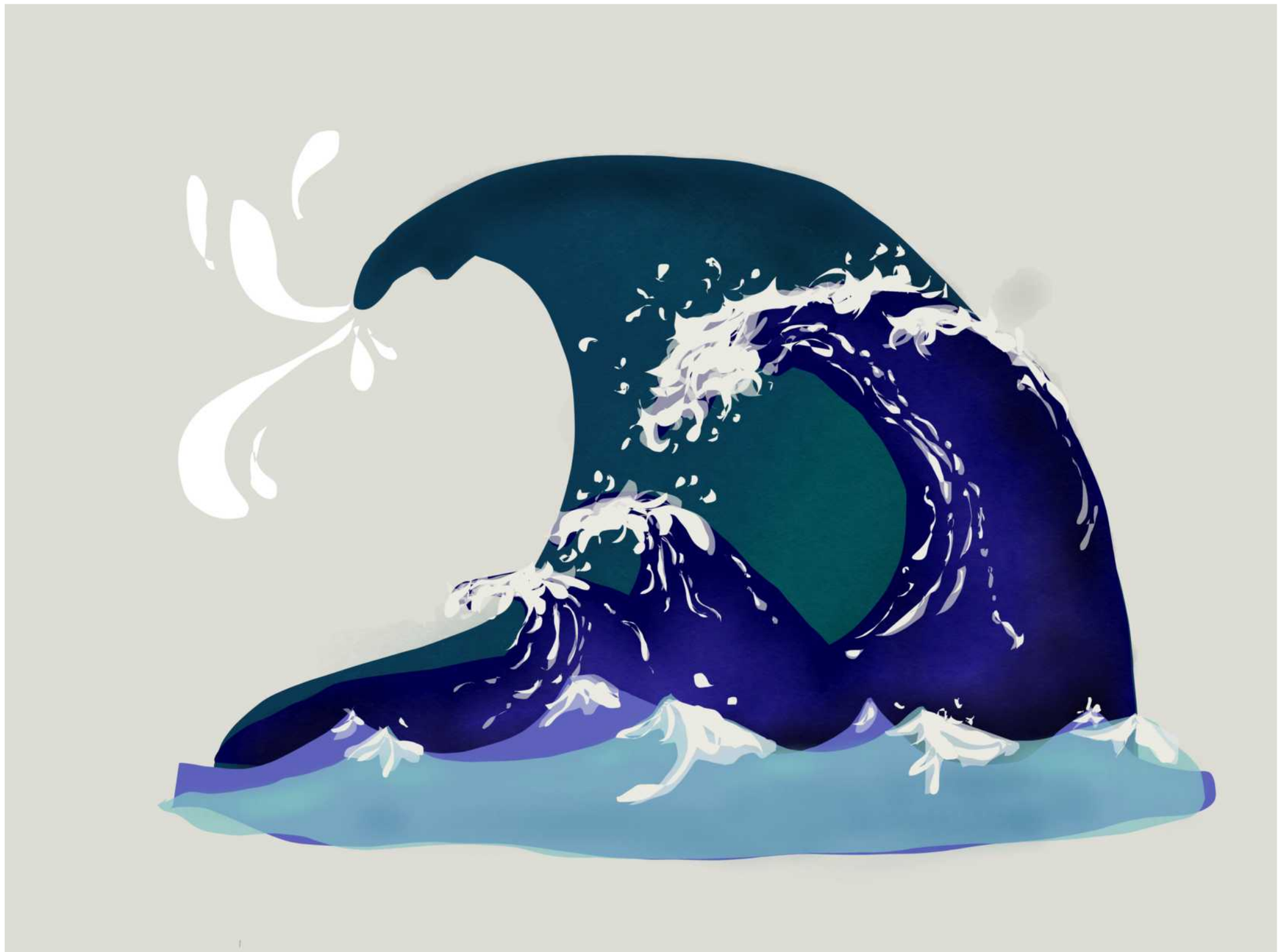


Suites in Suits

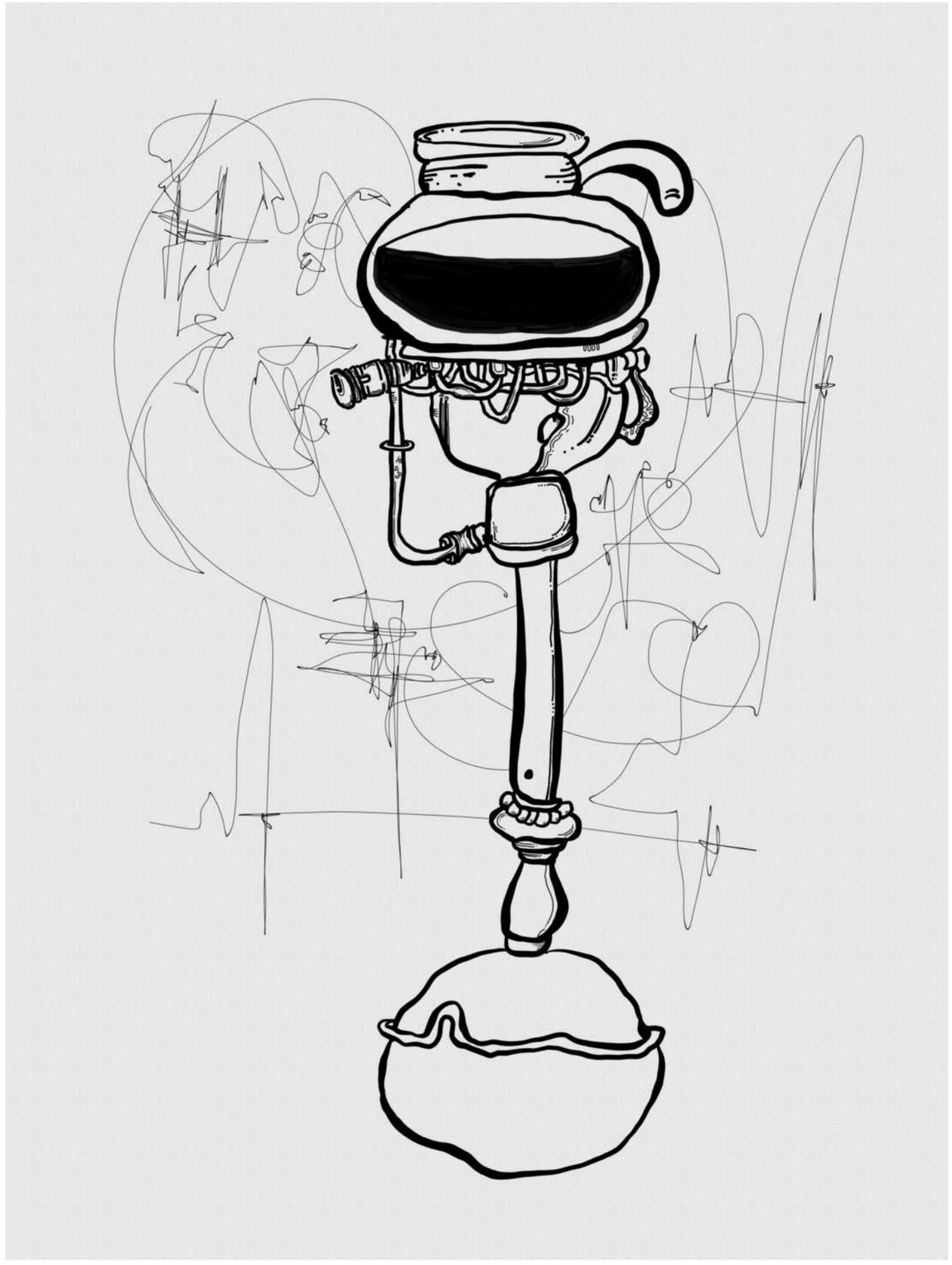
This was a design celebrating bridge (a card game) submitted to the College Bridge Organization CBO. Contest guidelines were card-related designs to be printed on tote bags.



Necktie Queue A practice in shading.



Doffing Waves A practice in layers – concept for a theatre costume.



Signature Coffee Linework practice.