



COMPUTEROME 2.0

USERS WORKSHOP

CENTER FOR HEALTH DATA SCIENCE (HEADS)
FACULTY OF HEALTH AND MEDICAL SCIENCES,
UNIVERSITY OF COPENHAGEN, MAY, 2022



CENTER FOR HEALTH DATA SCIENCE

Provide **SUND** researchers with health data science **services** and **training**.

Establish health data science as a topic in its own right and conduct its own **research**.

Started March 2020.

Located at **Panum Institute**.



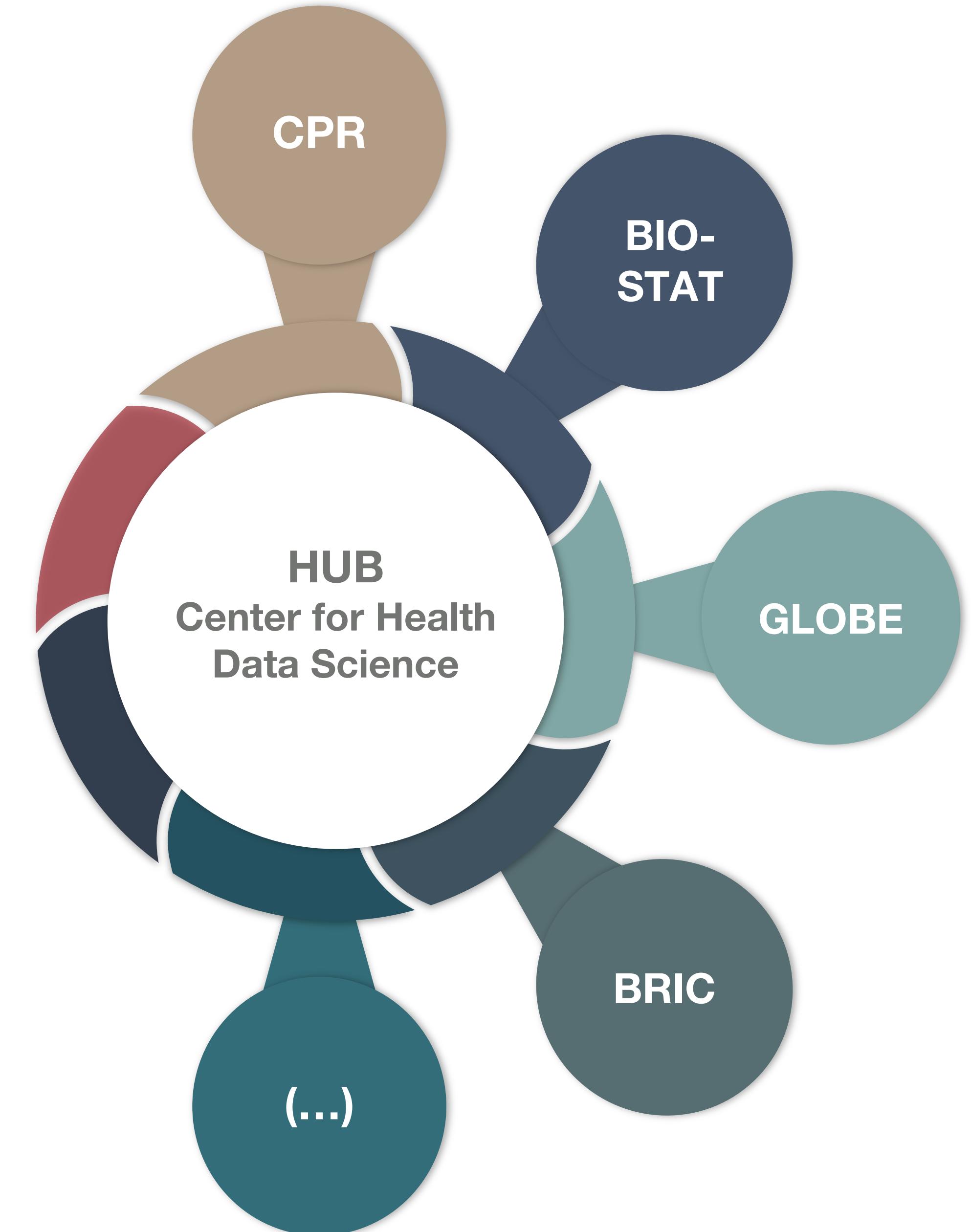
CENTER FOR HEALTH DATA SCIENCE

RESEARCH

HeaDS is a **Hub** for health data science research.

The **Hub** will connect groups and sections at **SUND** within the field of data science research:

- Coordination
- Collaboration
- Workshops, Courses
- Seminars, Conferences
- Visibility



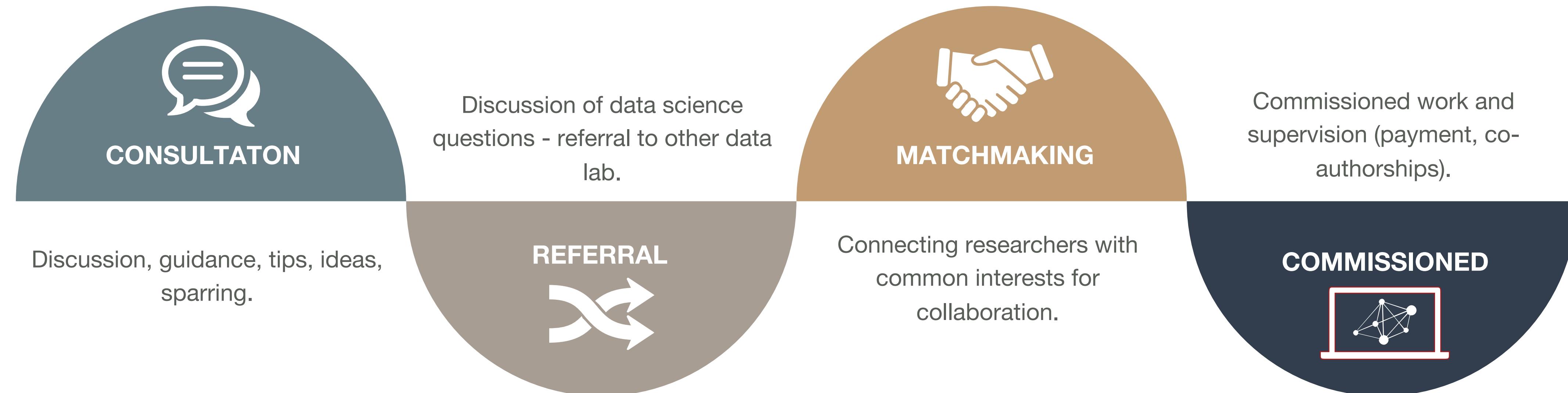
The Center continuously applies for **external funding** to fuel research in health data science - **groups within the Center**.

CENTER FOR HEALTH DATA SCIENCE

DATA SCIENCE LAB – SERVICES

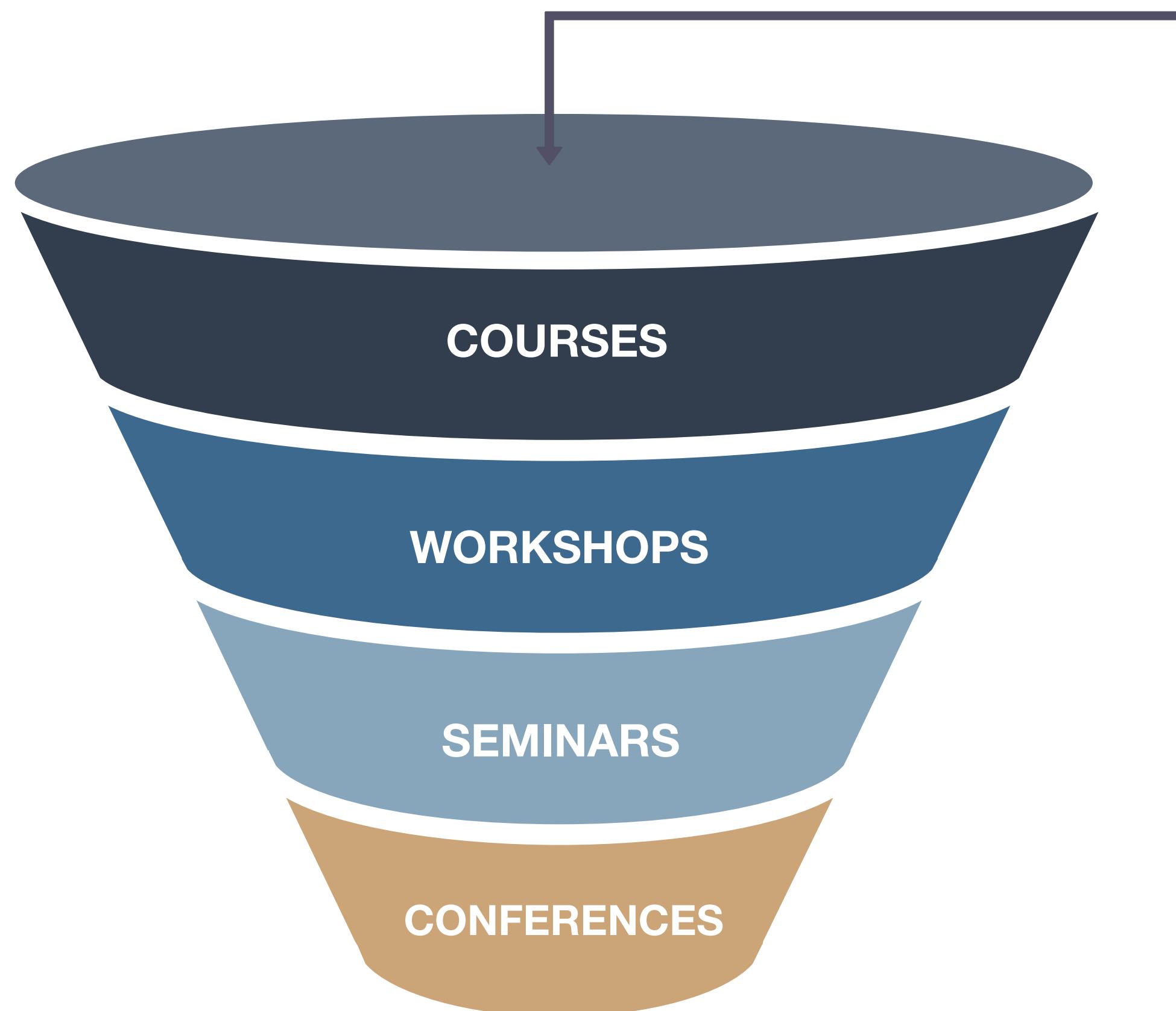
An essential part of the Centers activities is **Support and Service** for **SUND** researchers.

General services (Computerome, data-management etc.) or more **specialized** (e.g., NGS analysis).



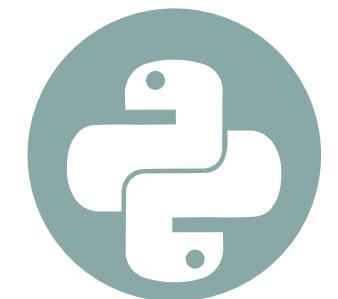
CENTER FOR HEALTH DATA SCIENCE

DATA SCIENCE LAB - COURSES



Course Coordination:

- Python Tsunami
- Next will be: June 2022 (three times a year).



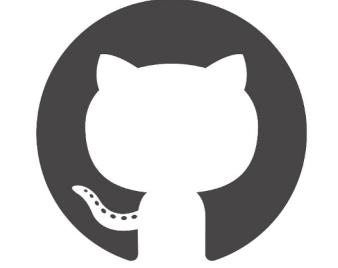
R courses:

- From Excel to R
- Next will be: June 2022 (three times a year).



Git/Github Workshop (Reproducible Science):

- Next will be: Fall 2022 (twice a year).



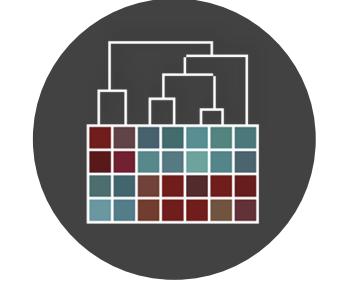
Computerome 2.0 Users Workshop:

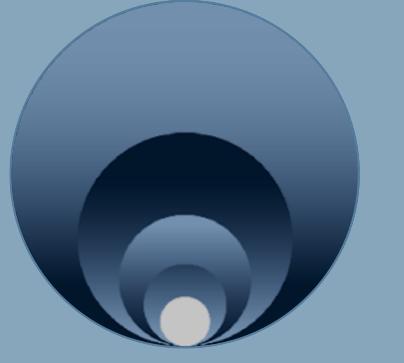
- Collaboration with Globe (once a year).



Analysis of Next Generation Sequencing Data

- Will run first time: Winter 2022.





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FACULTY OF HEALTH AND MEDICAL SCIENCES,
UNIVERSITY OF COPENHAGEN, FEBRUARY, 2021



WHO ARE WE

CENTER FOR HEALTH DATA SCIENCE:

- Anders Krogh, Professor, Head of Center
- Henrike Zschach, Scientific Coordinator
- Thilde Terkelsen, Data Scientist



ANDERS



HENRIKE



THILDE

KU IT:

- Allan Have Sørensen, Head of Section



ALLAN



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GLOBE INSTITUTE:

- Shyam Gopalakrishnan, Associate Professor

C2 WORKSHOP PROGRAM

DATE: 6th of MAY, 2022

09.00 - Welcome
09.10 - Introduction to Computerome 2.0
09.50 - The Basics
10.10 - Exercise 1.0
10.40 - Coffee Break // Troubleshooting
11.00 - Working on Computerome 2.0
11.20 - Exercise 2.0
11.50 - Q&A
12.00 - Lunch

TIME & PLACE: 09.00-16.00, Faculty Club

13.00 - A Technical Intermezzo
13.15 - C2 Modules and Queue System
13.45 - Exercise 3.0
14.30 - Coffee Break // Troubleshooting
15.00 - Optimization of Time and Cost
15.20 - Exercise 4.0
15.45 - Q&A and Outro