

ACM BCB 2022 CHICAGO

**13th ACM Conference on Bioinformatics,
Computational Biology, and Health Informatics**

Conference Program



Association for
Computing Machinery



ACM BCB 2022 CHICAGO

Schedule At A Glance: Sunday, August 7 Workshops, Tutorials, First-time Attendee Welcome Session

Time (Central)	Session Title	Room Location
8:00am - 9:00am	Registration	Garden Terrace
9:00am - 12:00pm	Tutorial: Pytorch_EHR: A Codebase for Building Recurrent Neural Network-based Predictive Models using Electronic Health Records	Linden 1 & 2
9:00am - 11:40am	Workshop: 11th Workshop on Parallel and Cloud-based Bioinformatics and Biomedicine (ParBio)	Birch
9:00am - 12:00pm	Workshop: 2nd Workshop on No-Boundary Thinking	Aspen 1 & 2
9:00am - 4:00pm	Workshop: CNB-MAC: 7th International Workshop on Computational Network Biology: Modeling, Analysis, and Control	Oak
1:00pm - 4:00pm	Tutorial: BioMedical Learning Through Graph Neural Networks: A Hands-on Approach	Linden 1 & 2
1:00pm - 4:30pm	Workshop: AI Shakes up Drug Safety	Birch
1:00pm - 4:00pm	Workshop: AI Campus & No-Boundary Thinking: A Grassroots Model for Training the New Generation of Scientists	Aspen 1 & 2
5:00pm - 6:00pm	First-Time Attendee Special Session	Oak

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Schedule At A Glance: Monday, August 8

Time (Central)

7:30am	Registration		Garden Terrace
8:10am - 10:30am	Session 1A: Sequence Analysis Hickory-Willow-Pine	Session 1B: Electronic Health Records Oak	Session 1C: Systems Biology Linden 1 & 2
10:30am - 10:45am	Break		
10:45am - 11:00am	Plenary Session: Opening Remarks		Hickory-Willow-Pine
11:00am - 12:00pm	Shaking the Etch-a-Sketch of America’s Research & Innovation Enterprise Dr. Kelvin Droegemeier, Keynote		Hickory-Willow-Pine
12:00pm - 12:55pm	Lunch Provided & Poster Session		
1:00pm - 2:00pm	Transforming Human Health and Through Interdisciplinary Research Dr. Wendy Nilsen, Keynote		Hickory-Willow-Pine
2:10pm - 4:40pm	Session 2A: Health Monitoring & Phenotyping Oak	Session 2B: Structural Bioinformatics Linden 1 & 2	
4:40pm - 5:00pm	Break		
5:00pm - 6:00pm	General Assembly & SIGBIO General Meeting		Hickory-Willow-Pine
7:00pm - 8:00pm	Reception		Garden Terrace

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Schedule At A Glance: Tuesday, August 9

Time (Central)

8:20am - 10:30am	Session 3A: Single Cell Omics <i>Oak</i>	Session 3B: Machine Learning & Drug Design <i>Linden 1 & 2</i>
10:30am - 10:55am	Break	
11:00am - 12:00pm	The Importance of Workforce Diversity in Informatics Dr. Tiffani Bright, Keynote	<i>Hickory-Willow-Pine</i>
12:00pm - 12:15pm	Break	
12:15pm - 2:00pm	Interactive Lunch Session on Diversity and Inclusion: Challenges and Opportunities	<i>Hickory-Willow-Pine</i>
2:00pm - 2:30pm	Break	
2:30pm - 4:20pm	Session 4A: Medical Imaging <i>Oak</i>	Session 4B: Graphs & Networks <i>Linden 1 & 2</i>
4:30pm - 6:00pm	TCBB Editorial Board Meeting (Closed Session)	<i>Linden 1 & 2</i>
6:30pm - 8:00pm	Conference Banquet & Award Ceremony	<i>Hickory-Willow-Pine</i>

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Schedule At A Glance: Wednesday, August 10

Time (Central)

8:10am - 10:30am	Session 5A: COVID-19 <i>Oak</i>	Session 5B: Clinical Trials & Outcome Prediction <i>Linden 1 & 2</i>
10:40am - 12:20pm	Session 6A: Genomic Variation <i>Oak</i>	Session 6B: Ontologies & Databases <i>Linden 1 & 2</i>
12:30pm - 1:30pm	Lunch	
1:30pm - 2:00pm	Closing Remarks by General Chairs <i>Hickory-Willow-Pine</i>	

Venue Information

Hilton Chicago/Northbrook
2855 N. Milwaukee Ave, Northbrook IL 60062

Event Contacts

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Local Transportation

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ACM BCB 2022 By The Numbers

- 5 Workshops
- 2 Tutorials
- 3 Keynotes
- 4 Highlights
- 42 Full Papers
- 16 Short Papers
- 11 Posters
- 150 Attendees

Thank You Sponsors & Exhibitors!



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Venue Map

The conference will be utilizing the rooms marked below with an orange circle. Restrooms can be found near all of the meeting spaces.

