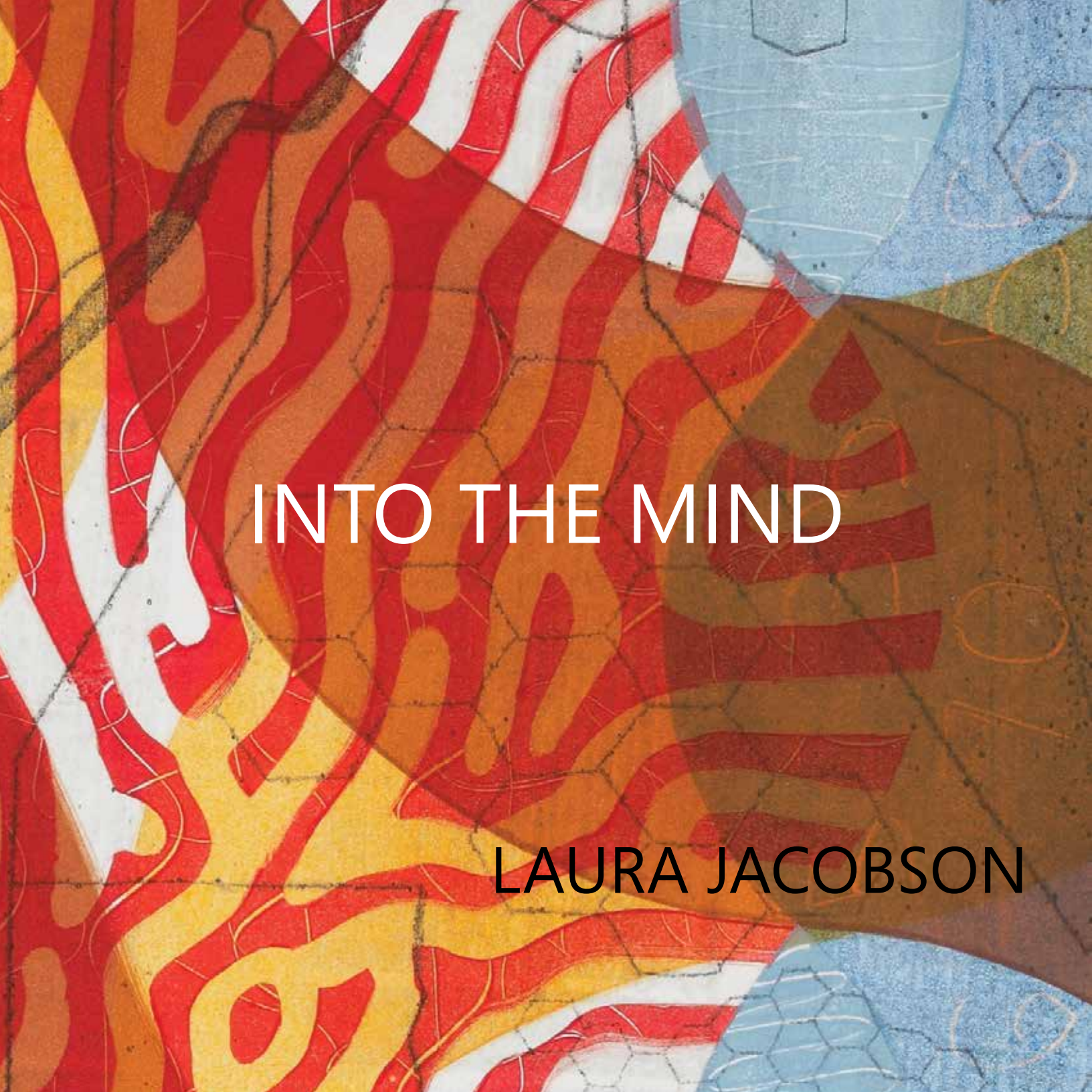
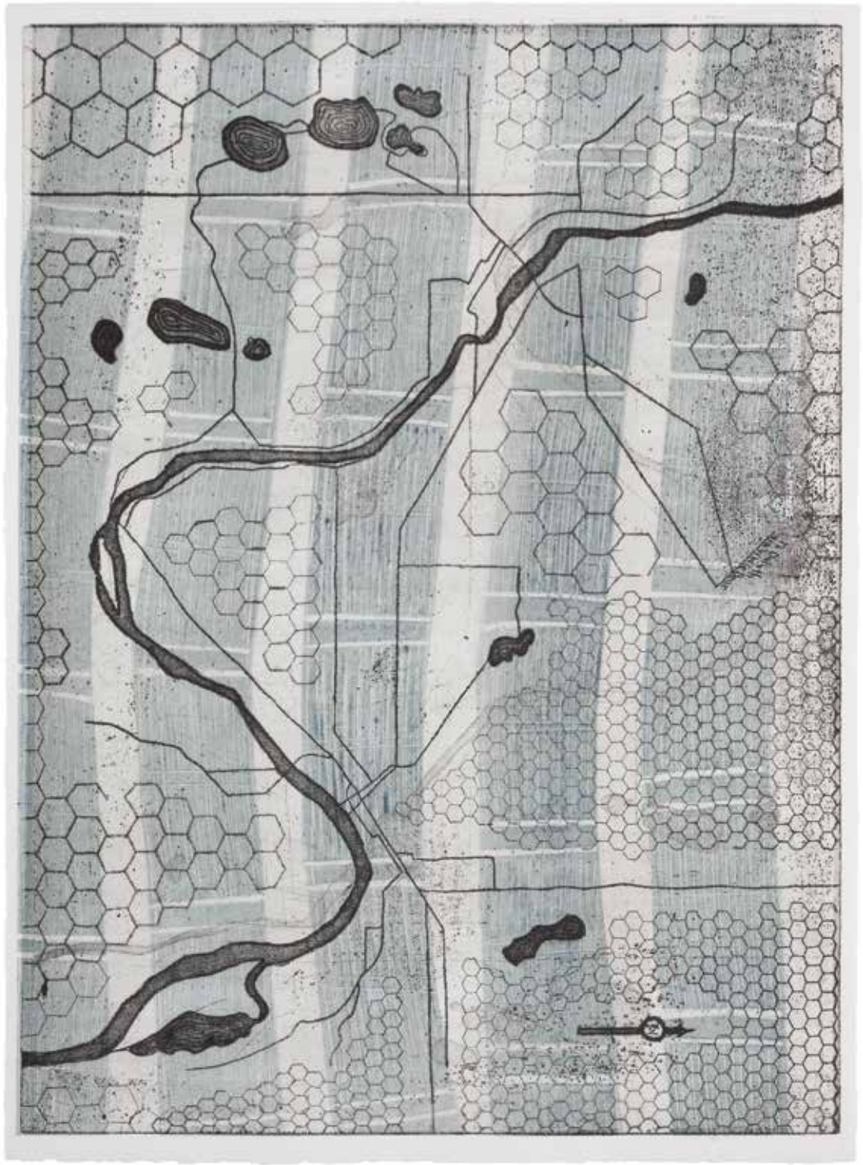

INTO THE MIND
LAURA JACOBSON



Inspired by contemporary neuroscience and MR images of the brain, Laura Jacobson's prints on paper and clay sculptures investigate the terrain between art and science, technology and material, nature and abstraction.

The print series *Into the Mind* uses cells, molecules, anatomy, maps, schematics, and math to query and celebrate principles of neuroscience. Jacobson was drawn to the visual structure and patterns evident in the brain's anatomy and function. Her intaglio printmaking techniques, such as etching and aquatint, use line and color to build images that incorporate cultural references with sources from the fields of perception, memory, navigation, and computation. Jacobson's work reflects her interest in pattern as found in nature and the mind.

GRID : NAVIGATE

2016

monoprint on paper
34 x 25in

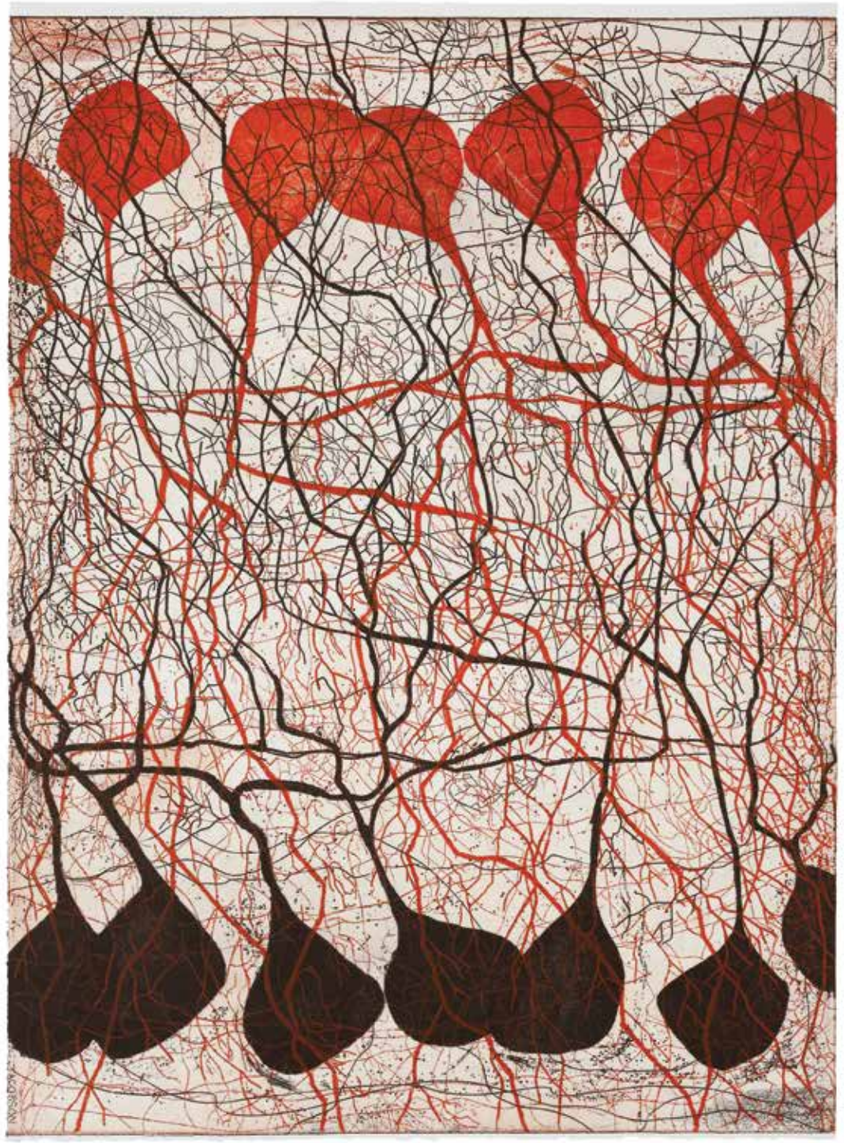
A 1920 map of Minneapolis/St. Paul interspersed with hexagonal grid cells evince both memory and navigation, while the overlay of muscle fiber implies the micro bio structures that cumulatively build such cities.

RELEASE : TRAJECT

2016

monoprint on paper
34.5 x 25in

As chemical messengers, neurotransmitters inhibit or excite neurons, and shape everyday life and function. L-Dopa, the precursor to dopamine, plays a role in reward, motivation, action, and drive. Here L-Dopa, paired with human muscle fiber and arm trajectories, link the idea of molecular balance with human output.



CONNECT : COMPUTE

2016

etching on paper
34.5 x 25in

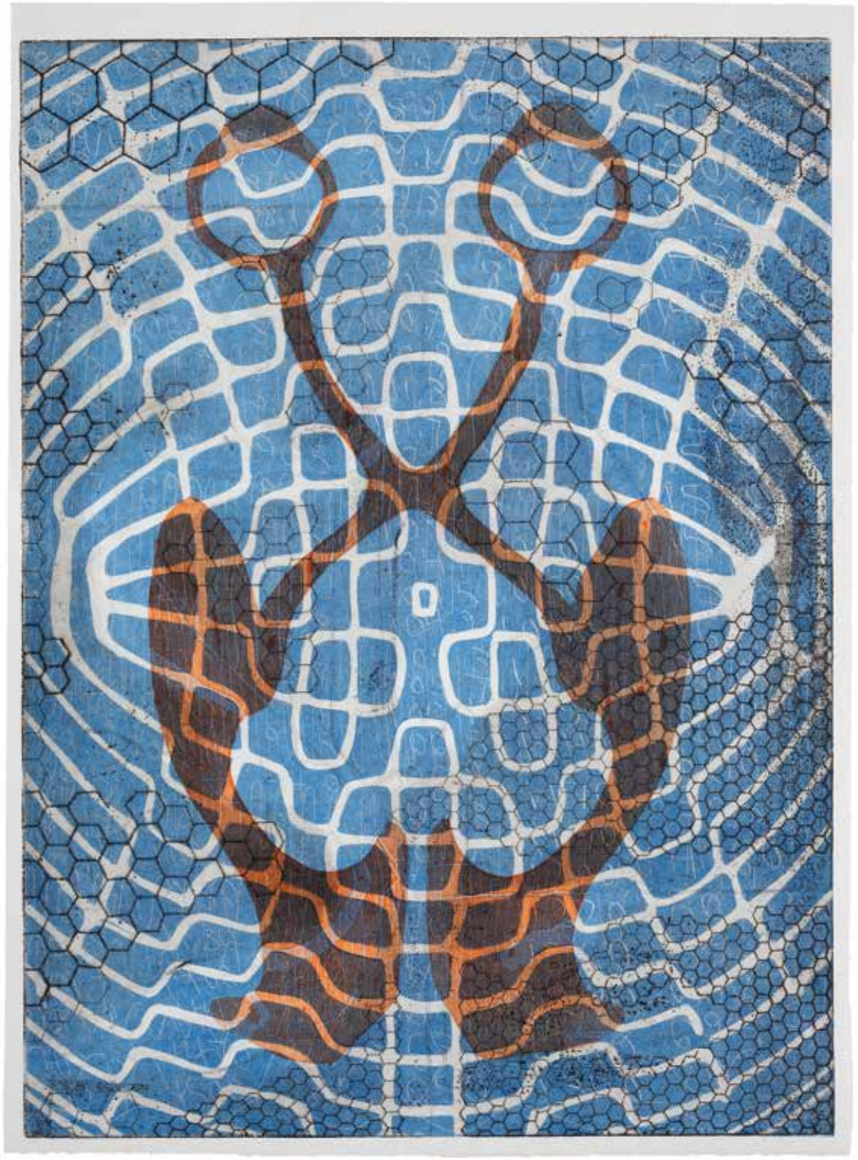
Dendritic arbors allude to the complex nature of thought, which begins with electrical and chemical signals traveling through neural circuits. These circuits drive the computational engine of cognition.

ORIENT : DOMINATE

2016

monoprint on paper
34.5 x 25in

The striking functional patterns found in the visual cortex inspired this work, which combines the structure of ocular dominance columns with gradients of orientation preference and oscillatory waves.



FILTER : PERCEIVE
2016

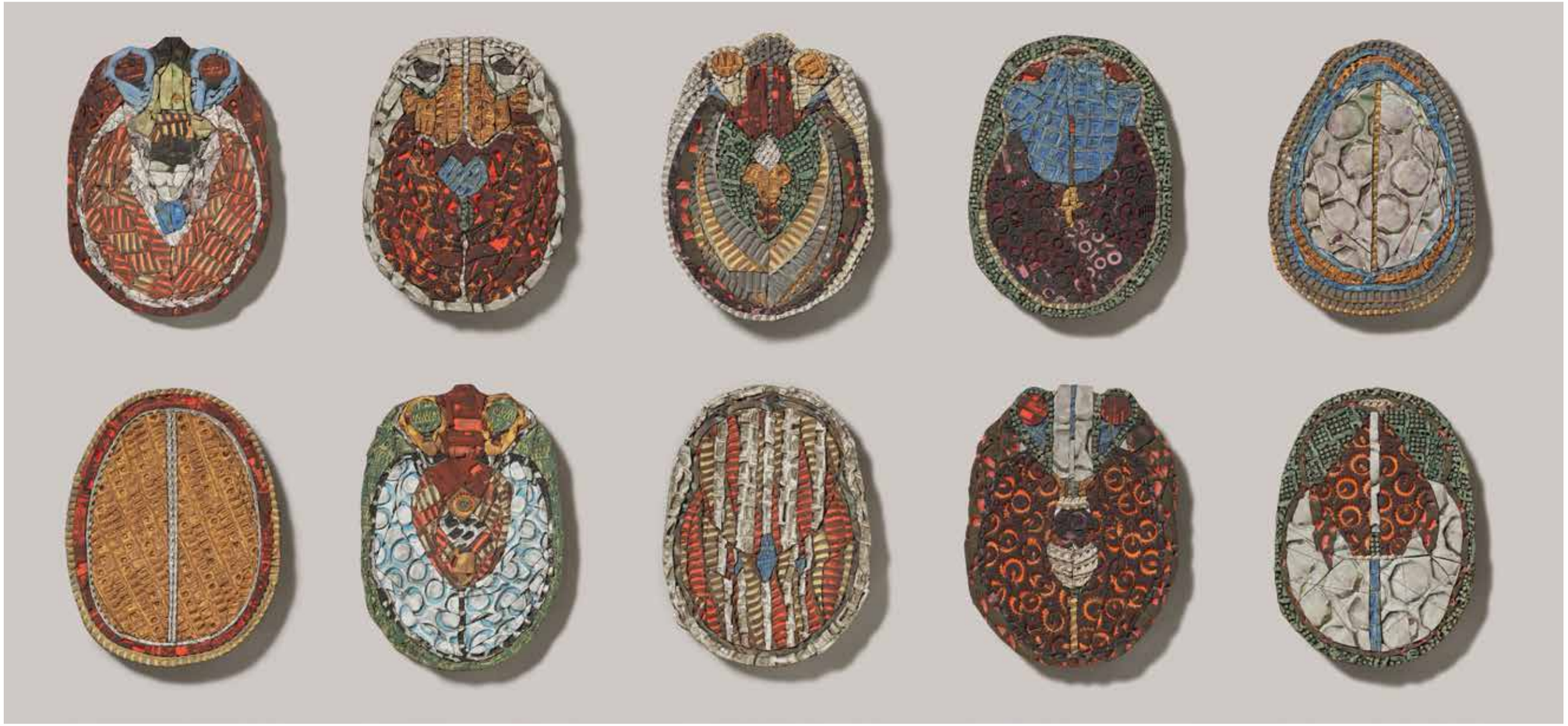
monoprint on paper
34.5 x 25in

Sound patterns and radio frequencies, interleaved with a visual system schematic, allude to the complex filtering of sensory data necessary for perception.

The sculpture series *Resonance Punctuated* began in 2011 after Jacobson received MRIs of her brain as a test subject for a new imaging facility at Stanford University. The 2D scans inspired these 3D sculptures. Like the brain, clay is plastic and malleable. The stampings of industrial products -- such as circuit boards, auto parts, and household gadgets -- reverberate with the biology, symmetry and geometry of the cerebral source. Part anatomy and part cultural artifact, these works evoke the human experience of interacting with technology, and suggest the plasticity and impressionability of mind.

RESONANCE
PUNCTUATED LXXXI
2016

ceramic mounted on wood
12 x 9 x 1.5in



RESONANCE
PUNCTUATED L+
2015-2016

ceramic mounted on wood
30 x 60 x 1.5in

RESONANCE
PUNCTUATED L+
2015-2016

ceramic mounted on wood
30 x 60 x 1.5in

LAURA JACOBSON BIO

Jacobson earned an MFA from the Rhode Island School of Design in 2003 and a BA from Stanford University in 1989. She maintains a studio and home in Palo Alto, CA, where she is raising two children with neuroscientist Anthony Wagner. Her work can be found in private collections in the United States and abroad, including a permanent installation of *Brain Scapes* at Stanford.

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Into the Mind was created to celebrate the 30th anniversary of The McKnight Endowment Fund for Neuroscience. The prints and sculptures were installed as part of the show Exploring the Beauty of Neuroscience at The McKnight Foundation in Minneapolis, Minnesota from May to October, 2016.