**Audio Description Project: 2022**

**NLM Intramural Research Program Overview - 2:20**[**Link to Video**](https://www.youtube.com/watch?v=Q1PWiLtFYr4)

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| **TIMESTAMP** | **AUDIO CUES** | **VISUAL ELEMENTS** | **A D SCRIPT** |
| 00:00 | Upbeat music. | Fade up to white text over a blue background: “The National Library of Medicine: Intramural Research Program”. | “The National Library of Medicine: Intramural Research Program”.A woman, with short blond hair and wearing glasses sits in front of an all-white background. PATRICIA FLATLEY BRENNAN, RN, PhD, FACMI, Director, National Library of Medicine. |
| 00:02 | [Brennan] NLM has a 50-year history of conducting research here on the NIH campus. We call this our Intramural Research Program. | A woman, with short blond hair, wearing glasses and a black blazer over a white blouse, appears against a white background. She is speaking to someone off screen left. Overlay text: PATRICIA FLATLEY BRENNAN, RN, PhD, FACMI, Director, National Library of Medicine. |  |
| 00:09 | The research that we do uses mathematics and computer science techniques | A woman works in a medical lab and writes equations on a white board. | A man sits at a computer looking at a model of clusters of DNA strands. |
| 00:14 | to understand truth and clinical experiences by looking at large data sets. | A man sits at a computer looking at a model of clusters of DNA strands. |  |
| 00:20 | [Florance] I believe that research is the heart of a library and should be there | A woman with long brown and gray hair in ponytails with glasses and wearing a brown and green paisley jacket over a black blouse is speaking directly to the camera. Text overlay: “VALERIE FLORANCE, PhD, Acting Scientific Director, Intramural Research Program”. | A woman with glasses and long hair tied in double ponytails: “VALERIE FLORANCE, PhD, Acting Scientific Director, Intramural Research Program”. |
| 00:23 | and we are the world's library, and we have research. | Exterior of the NLM entrance with the crab apple trees in full bloom. | Exterior of the NLM entrance with the crab apple trees in full bloom. A woman manipulates a 3-D anatomical model on a computer screen. |
| 00:27 | It's important because it will advance the approaches used in libraries all over the world | A woman manipulates a 3-D anatomical model on a computer screen. A screen shot of the NIH CDE Repository web site. |  |
| 00:33 | to manage, and integrate, and find data so we can all get healthier faster. | A woman looks at a “Planned implementation” screen gene data. A nurse shows a patient in a hospital bed information on a computer tablet. |  |
| 00:40 | [Antani] There's always more research to be done. | A man with glasses and short “salt and pepper” hair is wearing a blue shirt and speaks to the camera. Text overlay: SAMEER ANTANI, PhD., Tenure Track Investigator, Computational Health Research Branch. | A man with glasses and short “salt and pepper” hair:SAMEER ANTANI, PhD., Tenure Track Investigator, Computational Health Research Branch. |
| 00:42 | I think we are the cusp, at the beginning of trying to understand human bodies and the information that is contained in it. | Antani looks at moving ultrasound images on a computer screen. |  |
| 00:50 | Each day different parts of the NIH are discovering new things. | Exterior of the entrance to Building 1 at NIH. | Building 1 entrance on the NIH campus. Dr. Antani, seated at his workstation, is looking at x-ray images. |
| 00:53 | I think that presents NLM with an opportunity to keep toe to toe so that the two can work together. | Antani at his workstation is looking at x-ray images. |  |
| 01:00 | [Brennan] Now our Intramural Research Program actually has two key components. | Brennan speaking on camera. |  |
| 01:04 | In our Computational Biology Branch, investigators use bioinformatics tools | White text over a blue background: “COMPUTATIONAL BIOLOGY”. | White text over a blue background: “COMPUTATIONAL BIOLOGY”. |
| 01:09 | to understand the structure and function of genes and other kinds of protein data. | A man looks at graphic data charts on a computer screen. A woman manipulates a 3-D model of gene clusters on a computer screen. |  |
| 01:13 | In our Computational Health Informatics Branch, our investigators are trying | White text over a blue background: “COMPUTATIONAL HEALTH”. | White text over a blue background: “COMPUTATIONAL HEALTH”. |
| 01:18 | to draw insights out of information about the clinical process | Two men are discussing equations written on a white board. |  |
| 01:22 | of patients or the literature that describes clinical care. | A man in a white coat with a stethoscope and holding a computer table speaks to a man next to him. A close-up of the PubMed.gov search page. | Close-up of the PubMed.gov search page. |
| 01:26 | What's exciting is that we've actually unified these two programs under a single umbrella. | White text over a blue background: “COMPUTATIONAL BIOLOGY + HEALTH RESEARCH”. | White text over a blue background: “COMPUTATIONAL BIOLOGY + HEALTH RESEARCH”. |
| 01:30 | [Florance] A really special thing is training and mentoring a next generation of scientists. | Florance speaks on camera. A woman instructs a man at a white board displaying genetic information. A woman is walking down a path with the LHC building behind her. |  |
| 01:37 | [Porter] NLM has a really strong track record in computation. | A woman with short dark hair and wearing a navy-blue sweater over a gray, crew-neck shirt is speaking to someone of screen left. Text overlay: “LAUREN PORTER, PhD, Stadtman Tenure Track Investigator, Intramural Research Program. | A woman with short, dark hair:LAUREN PORTER, PhD, Stadtman Tenure Track Investigator, Intramural Research Program. |
| 01:42 | There are a lot of excellent scientists here and so I thought it would be great | Porter is speaking to a man seated round a table. | Dr. Porter is working in a lab with vials, wearing a white coat and protective goggles. |
| 01:45 | to be able to work with them and I’m really happy to be here and be able | Porter is working in a lab wearing a white coat and protective goggles. |  |
| 01:49 | to like take chances that I probably couldn't do in most other environments. |  |  |
| 01:54 | [Antani] We have an opportunity before us where all our findings, once translated, | Antani is speaking on camera. A woman looks at a computer screen comparing male vs female genetic data. | A woman looks at a computer screen comparing male vs female genetic data, while another woman looks at the medlineplus.gov website. |
| 02:00 | would reduce the barriers to access to medicine, improve treatability, | A woman seated at a computer is looking at the medlineplus.gov web site. |  |
| 02:05 | improve early detection, which leads to better quality of life.  | A woman holds a tablet that displays a female doctor holding an x-ray image. A man and woman are looking through microscopes. |  |
| 02:09 | [Florance] Our whole goal is to understand more about how living things work | Florance speaks on camera. A montage of electronic medical images moves toward the screen. | A montage of electronic medical images moves toward the viewer. |
| 02:15 | in order to improve the health of humans. | A man and woman, wearing light jackets and surgical masks, are walking on a campus path. |  |
| 02:17 |  | The grey and blue NLM logo fade up over a white background with blue text: “serving scientists and society”. | The grey and blue NLM logo over a white background with blue text: “serving scientists and society”. |
| 02:20 |  | Cut to black. |  |

Written by Mike Detweiler on March 31, 2022