With a cadre of experienced web-designers, programmers, systems analysts, usability experts, and academic consultants, we offer design and programming services at highly competitive rates. From high-end programming and database construction for content-rich sites or digital collections, to user-centered interfaces and visual design, the MATRIX team is ready to help plan and achieve your goals. MATRIX can help structure contracts and subcontracts, write grant-funded initiatives and partnerships, and provide hourly rates for a variety of services.

Web Design

MSU’s Department of Linguistics & Germanic, Slavic, Asian & African Languages
The Department of Linguistics & Germanic, Slavic, Asian & African Languages at Michigan State University focuses on three areas: linguistics, cultural studies, and language acquisition and teaching, and is dedicated to quality teaching, research, and outreach.

linglang.msu.edu

Latin American School & Educational Resources
A website for middle and high school teachers and students who are learning about Latin America in social sciences and humanities classes; the site was designed by the Center for Latin American and Caribbean Studies (CLACS), International Studies and Programs at MSU, and MATRIX.

laser.msu.edu

Digital Archive Development

On the Banks of the Red Cedar
On the Banks of the Red Cedar is a digital archive related to the history of MSU that provides archival documents, images, film, audio, and textual materials.

onthebanks.msu.edu

Women in Science
The Women in Science website is a digital media archive that uses KORA to deliver the written works of several women scientists and biographies written by leading historians of science.

womeninscience.history.msu.edu

WordPress, Wiki, Social Network, & Podcast

Oral History Association
The Oral History Association, using MATRIX hosted and customized WordPress, wiki, and social network, seeks to bring together all persons interested in oral history as a way of collecting and interpreting human memories to foster knowledge and human dignity.

www.oralhistory.org

Africa Past and Present
Africa Past & Present, produced and hosted by MATRIX in collaboration with MSU Department of History, is a podcast about history, culture, and politics in Africa and the diaspora. The show highlights interesting and significant people, ideas, and discussions in African Studies from a wide range of disciplines and perspectives.

afripod.aodl.org

Digitization
MATRIX hosts an audio and video production facility where new “born digital” materials such as podcasts and HD videos are created and where faculty and partners collaborate on new media projects. This facility also specializes in and is a leading research facility for migrating obsolete audio and video formats to new, more accessible digital formats for archiving and access.

Web Application Programming
MATRIX has a wealth of experience designing and implementing online applications for delivering and managing content. MATRIX develops custom applications to meet the specific needs of clients and offers a number of pre-made applications that provide cost-effective avenues for implementation.

Programming Services Include:
- Application design and consulting
- Database design
- Content delivery and management
- Search/Browse applications
- Intranet and communication-based applications
RESEARCH

A pioneering research center at Michigan State University, MATRIX is devoted to the application of humanities and social science teaching and research. MATRIX strives to use Internet technologies to improve education and increase the democratic flow of information throughout the world. By merging research in computing with research in the humanities, MATRIX develops online educational and academic resources, provides training in computing and Internet-enhanced pedagogy and research, and creates forums for the exchange of ideas and expertise in the humanities and in new education technologies.

MATRIX is one of the largest humanities technology centers in the country, with continuing funding from MSU and grant projects from IMLS, NSF, NEH, the U.S. Department of Education, and the National Historical Publications and Records Commission. During the past four years, one of MATRIX’s core activities has been to create KORA, a digital repository application that meets standards for best practices of the digital library community and the needs of cultural institutions and humanities scholars. MATRIX works with numerous museums, cultural organizations, and humanities scholars to develop and improve KORA and to create multimedia repositories with unique and highly flexible interfaces.

DIGITAL COLLECTIONS

American Black Journal
This site preserves video interviews with African-American leaders and personalities who have visited Detroit over the last thirty-five years. It has been designated a “We the People” project by the National Endowment for the Humanities.
www.abj.matrix.msu.edu

ExplorePAHistory
ExplorePAHistory is MATRIX’s implementation of its innovative content-management system that permits designers and users to create new galleries of stored digital objects. Filled with a variety of interactive images, documents, audiovisuals, and lesson plans. ExplorePAHistory is a powerful resource for all Pennsylvania students, teachers, and historians.
www.explorepahistory.com

Studs Terkel: Conversations w/ America
Studs Terkel’s multifaceted life has produced an equally rich and varied legacy of research materials. Conversations with America is a collection of the interviews he conducted for his books and radio program.
www.studsterkel.org

Flint Sit-Down Strike
The Flint Sit-Down Strike website is a multimedia rich resource, working to provide an immediacy and personal touch to historical knowledge of the strike through the use of digitized audio files, which contain the voices of former sit-downers reminiscing about their experiences.
www.historicalvoices.org/flint

The Celebrity Lecture Series
In this commemorative online archive, spanning a ten-year period, we offer you the voices of some of the most illustrious scholars, critics, novelists, poets, and creative artists of our time and the photographs of Douglas Elbinger, who has captured some candid moments.
www.matrix.msu.edu/cls

NETWORKING & EDUCATION

MATRIX is devoted to the application of new technologies in humanities and social science teaching and research. The center creates and maintains online resources, provides training in computing and new teaching technologies, and creates forums for the exchange of ideas and expertise in new teaching technologies.

The Quilt Index
The Quilt Index is an online research and reference tool designed to provide unprecedented access to contextual information and images of quilts held in private and public collections.
www.quiltindex.org

South Africa: Overcoming Apartheid, Building Democracy
A web resource for high school and undergraduate students and educators. Materials present the life stories and actions of ordinary citizens and prominent proponents of democracy during and immediately after the apartheid years.
www.overcomingapartheid.msu.edu

H-Net: Humanities & Social Sciences Online
H-Net is an international consortium of scholars and teachers with the common objective of advancing teaching and research in the arts, humanities, and social sciences.
www.h-net.org

Exploring Africa: Africa in the Classroom
This collaborative endeavor with MSU’s Office of International Studies & Programs (ISP), the African Studies Center, and MATRIX includes curricula, activities, and resources to aid in the development of teaching.
exploringafrica.matrix.msu.edu

CONNX
Connex is an online, social networking application that allows users to gather, discuss, and publish resources that are important to community groups and cultural organizations.
connex.matrix.msu.edu