

Please use type "Arial", fond 10, 1 page only

Prof. Dr.  
Yoichiro P. Murakami  
Toyo-Eiwa University, Japan  
President  
Miho-cho 32, Midori-ku, Yokohama-shi, 226-0015, Japan  
Email: ypmura@toyoeiwa.ac.jp



---

It is usually believed that modern science started around 17<sup>th</sup> century Europe Based on several evidences, however, I propose that science of today's sense started in 19<sup>th</sup> century Europe. Scientists were, and still partially are, engaged in research by their own curiosity. The whole works were done in a self-closed manner within scientific community, and there was almost no client of research outside of the community. The situation changed in the midst of the 20<sup>th</sup> century. As the signs of the change, following two can be referred. One is the invention of Nylon by Carothers, and the other is the Manhattan Project. The former is the case where a scientist's expertise was exploited by industry, whereas in the latter knowledge distributed within the scientific community of nuclear physics was exploited by a governmental sector. As a result, society in general should be institutionalized by science. This has a great influence on future of science.

---

#### References

1, Yoichiro P. Murakami; Scientization of Science, *Annals of the Japan Association for Philosophy of Science*, Vol.8, No.3, pp.175-185, 1993

---

#### CV

1973 – 1986 Associate Professor, College of Arts and Sciences, University of Tokyo  
1986 - 1989 Professor, above  
1989 – 1993 Professor, Research Center for Advanced Science and Technology, UT  
1993 - 1995 Director, above  
1993 Visiting Professor, Technical University of Vienna  
1995 – 2002 Professor, International Christian University  
1999 Othmer Distinguished Professor of Science, above  
(1996 Professor Emeritus, UT)  
2002 – 2009 Graduate School Professor, ICU  
(2008 Professor Emeritus, ICU)  
2009 – 2010 Director, Graduate School of Science Education, Tokyo University of Science  
2010 – present President, Toyo-Eiwa University, Yokohama